

# Maintenance Manual

---

**Medical**

---

**Electric Stretcher  
Model 1550**

**Important  
Information**

File in your  
maintenance  
records

---

**For parts or technical  
assistance call  
800 327 0770 (option 2)**





# Table of Contents

---

Introduction	
Specifications .....	3
Stretcher Symbols .....	4
Preventative Maintenance	
Cleaning .....	5
Checklist .....	6
Service Information	
Troubleshooting .....	7
Control Board Diagram .....	8
Replacement Parts .....	9, 10
Static Discharge Precautions .....	11
Caster Cover Installation And Removal .....	12
Caster Removal .....	12
Brake Cam Replacement .....	13
Brake Ring Replacement .....	13
Fifth Wheel Replacement .....	14
Pedal Linkage Adjustment .....	14
Brake/Steer Gear Replacement .....	15
Uni-Pedal Replacement .....	15
Jack Replacement, Non Electric Lift Base .....	16
Hydraulic Check Valve Replacement – Non Electric Lift Base .....	17, 18
Jack/Motor Replacement, Electric Lift Base .....	19
Jack Assembly Torque Specification .....	20
Checking Hydraulic Fluid Level .....	20
Jack Descent Rate Adjustment .....	21
Removal Of Excess Air (Vacuum) From The Hydraulic System .....	21
Hydraulic Pressure Hose Replacement .....	22
Base Lubrication Points .....	23
Brake Adjustment .....	24
Fowler Lift Motor/Actuator Replacement .....	25, 26
Gatch Lift Motor/Actuator Replacement .....	27
Fowler And Knee Gatch Motor/Actuator Adjustment .....	28
Fowler And Knee Gatch Limit Switch Adjustment .....	28
Logic Circuit Board Replacement .....	29
Siderail Latch Adjustment .....	29
Patient Control Lockout Switch Replacement .....	30
Patient Control Lockout LED Replacement .....	30
Siderail Patient Control Replacement .....	31

# Table of Contents

---

## Assembly Drawings and Parts Lists

Non– Electric Lift Base Assembly .....	32–39
Caster Assembly .....	40
Jack Assembly, Non–Electric Lift Base .....	41–44
Electric Lift Base Assembly .....	45–60
Power Cord Assembly .....	61
Jack/Pump Motor Assembly .....	62, 63
Jack Assembly, Electric Lift Base .....	64–68
Brake Adjuster Assembly .....	69
Brake Cam Assembly .....	70
Pump Pedal Assembly .....	71, 72
Optional Fifth Wheel Assembly .....	73–75
Optional Uni–Lower Pedal Assembly .....	76
Optional Dual Lowering Pedal Assembly .....	77
Optional Side Control Base Assembly .....	78,79
Base Labeling Assembly .....	80, 81
Litter Assembly .....	82–87
Push Handle Assembly .....	98
Siderail Assembly .....	89
Siderail Component Housing Assembly .....	90
Non–Quick Drop Fowler and Gatch Assembly .....	91
Crankscrew Assemblies, Non–Quick Drop .....	92,93
Quick Drop Assembly, Fowler Only .....	94, 95
Fowler/Gatch Quick Drop Assembly .....	96, 97
Quick Drop Crankscrew Assemblies .....	98, 99
Removable I.V. Pole Assembly .....	100
Optional 2–Stage I.V. Pole Assembly .....	101, 102
Optional I.V. Pole Latch Assembly .....	103
Optional 3–Stage I.V. Mounting Assembly .....	104–106
Optional Upright Oxygen Bottle Holder Assembly .....	107
Foot Board/Chartholder Assembly .....	108
Optional Fowler X–Ray Cassette Assembly .....	109, 110
Optional Defibrillator Tray Assembly .....	111
Defib Tray/Foot Extender/Foot Board Assembly .....	112
Serving Tray Assembly .....	113
Foot Board/Serving Tray Holder .....	114
Optional C–Spine Cassette Holder Assembly .....	115
Optional C–Spine Support Pole Assembly .....	116–117
Optional O2 Bottle Retainer Assembly .....	118
Optional Scale System .....	119, 126
Mattress and Siderail Pads .....	127

## Limited Warranty

Obtaining Parts and Service .....	128
Supplemental Warranty Coverage .....	128
Return Authorization .....	129
Freight Damage Claims .....	129




# Introduction

## INTRODUCTION

This manual is designed to assist you with the maintenance of the 1550 Electric Stretcher. Read it thoroughly before beginning any maintenance on the equipment.



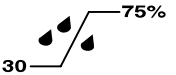

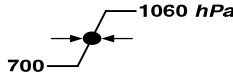
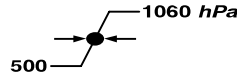
## SPECIFICATIONS

Safe Working Load	500 pounds (227 kilograms)	
Overall Bed Length/Width	83.5"/34"	
Minimum/Maximum Bed Height	22"/35"	
Knee Gatch Angle	0° to 30°	
Fowler Angle	0° to 70° (Electric), 0° to 90° (Crank)	
Trendelenburg/Reverse Trendelenburg	+18°/-18°	
Electrical Requirements	110 VAC, 60 Hz, 7.0 Amp	
Weight of Product	340 pounds (154 kilograms) – standard configuration 400 pounds (181 kilograms) – all options/accessories	

Stryker reserves the right to change specifications without notice.

## SPECIFICATIONS (OPTIONAL SCALE SYSTEM)

Optional Scale System Weight Operating Range	0 lbs. to maximum capacity of the stretcher
Optional Scale System Accuracy	Between 10° Trend & 10° reverse Trend* ± 2 lbs. of weights below 100 lbs. ± 2% of weights above 100 lbs.

Environmental Conditions	Operation	Storage and Transportation
Temperature		
Relative Humidity		
Atmospheric Pressure		

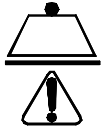
\* Scale does not meet accuracy claims at Trend angles outside the specified range.

# Stretcher Symbols

---



Warning, Refer to Operations or Service/Maintenance Manual



Safe Working Load Symbol



UL60601-1  
CAN/CSA C22.2  
NO.601.1

Medical Equipment Classified by Underwriters Laboratories Inc. with Respect to Electric Shock, Fire, Mechanical and Other Specified Hazards Only in Accordance with UL 60601-1 First Edition (2003) and CAN/CSA C22.2 No. 601.1

# Cleaning

---

Hand wash all surfaces of the stretcher with warm water and mild detergent. DRY THOROUGHLY. Do not steam clean, pressure wash, hose off or ultrasonically clean. Using these methods of cleaning is **not** recommended and may void this product's warranty.

Suggested cleaners for stretcher surfaces:

Quaternary Cleaners (active ingredient – ammonium chloride)

Phenolic Cleaners (active ingredient – o-phenylphenol)

Chlorinated Bleach Solution (5.25% – less than 1 part bleach to 100 parts water)

Avoid oversaturation and ensure the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.



## CAUTION

SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY. If the products described above are used to clean Stryker patient care equipment, measures must be taken to insure the beds are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the beds will leave a corrosive residue on the surface of the bed, possibly causing premature corrosion of critical components. Failure to follow the above directions when using these types of cleaners may void this product's warranty.

For mattress cleaning instructions, please see the tag on the mattress, or contact the mattress manufacturer.

Clean Velcro® AFTER EACH USE. Saturate Velcro® with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro® should be determined by the hospital.)

# Preventative Maintenance

---

## CHECKLIST

- ☐ All fasteners secure
- ☐ Siderails move and latch properly
- ☐ Engage brake pedal and push on the stretcher to ensure all casters lock securely
- ☐ Steer function working properly
- ☐ All casters lock with brake pedal engaged
- ☐ All casters secure and swiveling properly
- ☐ Fowler operates
- ☐ Knee Gatch operating properly
- ☐ Trendelenburg/Reverse Trendelenburg operating properly
- ☐ Ground chain intact
- ☐ No leaks at hydraulic connections
- ☐ Hydraulic jacks holding properly
- ☐ Hydraulic drop rate set properly
- ☐ Hydraulic oil level sufficient
- ☐ Lubricate where required, including the brake adjuster assembly and brake cam
- ☐ Body restraints working properly
- ☐ IV pole intact and operating properly
- ☐ Oxygen bottle holder intact and operating properly
- ☐ No rips or cracks in mattress cover
- ☐ No cables worn, pinched or frayed
- ☐ All electrical connections tight
- ☐ All grounds secure to the frame
- ☐ Ground impedance not more than 100 milliohms max: Test point(s) include electronics enclosure (litter) and motor chassis (gatch and fowler) and lift motor enclosure.
- ☐ Current leakage not more than 300 microamperes (per UL 60601-1)
- ☐ Batteries sufficiently charged (optional scale system)
- ☐ Display housing intact and not damaged (optional scale system)
- ☐ Display label intact and not damaged (optional scale system)
- ☐ Load cells intact and not damaged (optional scale system)
- ☐ Scale calibrated properly. Recalibrate, if necessary (optional scale system)

Serial No.: \_\_\_\_\_

Completed By: \_\_\_\_\_ Date: \_\_\_\_\_

## NOTE

Preventative maintenance should be performed at a minimum of annually. A preventative maintenance program should be established for all Stryker Medical equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product.

## NOTE

The stretcher model and serial numbers are found on the specification label on the base hood (see [page 80](#))

# Troubleshooting Guide

## HYDRAULIC SYSTEM TROUBLESHOOTING – NON ELECTRIC LIFT BASE

### NOTE

Be sure the pedal linkage has been adjusted properly before beginning service on the jacks (see [page 14](#)).

PROBLEM/SYMPTOM	SOLUTION
Jack will not raise to full height.	Check for leaks. Add hydraulic fluid (see <a href="#">page 20</a> ).
Jack will not hold in raised position.	Check linkage to ensure it is not engaged. If linkage is engaged, use a 7/16" socket or wrench to back off the nut until the jack drift stops. If the jack still does not hold, replace valve #1 (see <a href="#">page 17</a> ).
Jack will not pump up and the jack actuator rod <b>does not</b> move.	Close the needle valve. If the jack still will not pump up after the needle valve is closed, replace valve #2 (see <a href="#">page 18</a> ).
Jack will not pump up but the jack actuator rod <b>does</b> move when the pump pedal is activated.	Replace valve #2 (see <a href="#">page 18</a> ).
Jack will not pump up and the jack actuator rod may or may not move.	Remove excess air (vacuum) in system (see <a href="#">page 21</a> ).

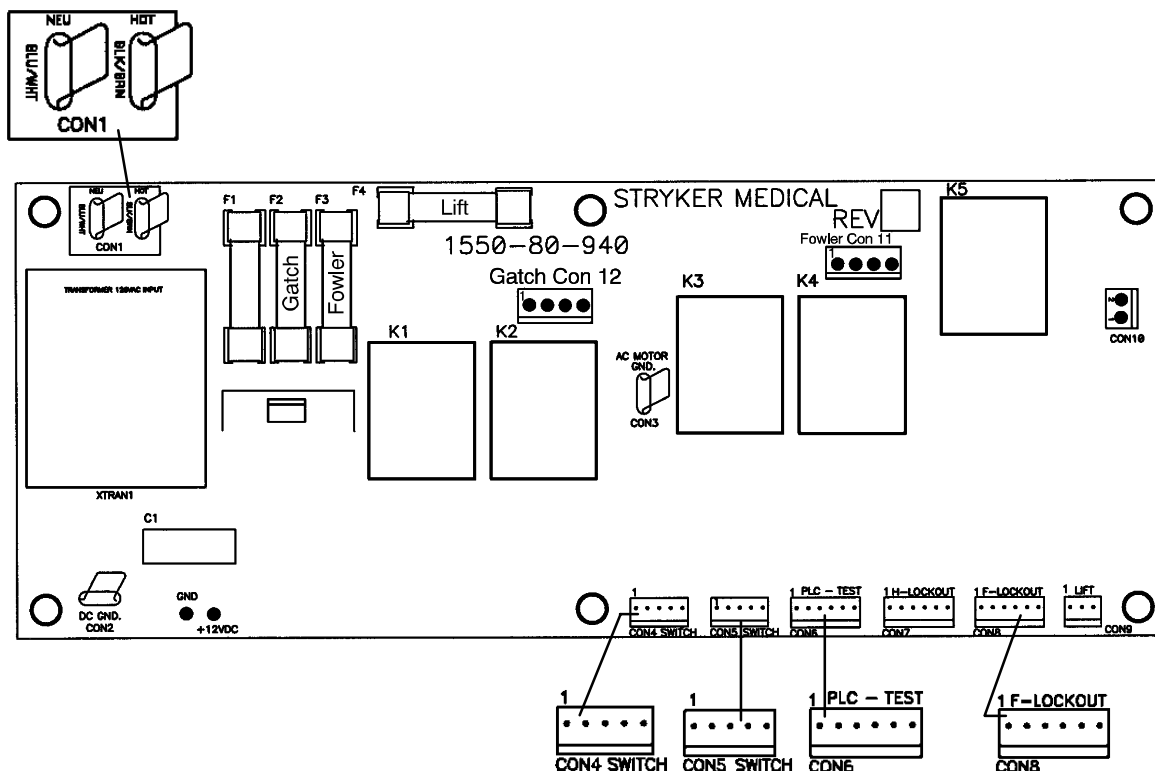
## ELECTRICAL SYSTEM TROUBLESHOOTING

PROBLEM/SYMPTOM	SOLUTION
Power light not on after power cord is plugged in.	Check wall receptacle for power. Remove control board cover & check for voltage (12VDC) – test point 12 VDC ref. to gnd. If voltage is present, check power cord and replace, if necessary. Check fuses F1, F2, F3, F4 on logic board.
Bed will not raise electrically.	Check fuse F4 on logic control board. Replace, if necessary. Plug power cord in, depress pump pedal fully and listen for switch activation. Check adjustment of switch inside the motor enclosure at the foot end of the stretcher. Replace switch, if necessary. Check power cord and replace, if necessary. Replace pump motor.
No Gatch/Fowler function in either siderail.	Check if lockout switch is on at either end of the stretcher. Be sure siderail controls are activated. Plug in power cord, press Gatch/Fowler switch and listen for switch activation – replace switch, if necessary. If only one siderail is not working, replace switch board in that siderail. Check fuses F2 (Gatch) and F3 (Fowler) on logic control board. Check patient control switch cable and replace, if necessary. Replace Gatch and/or Fowler motors).

Contact Stryker technical support at 1-800-327-0770 for further assistance.

# Control Board

## CONTROL BOARD – P/N 1550-80-940



F1 – Fuse 1/10 Amp, 250 VAC, SLO-BLO – Stryker Part Number 2020-16-904

F2 & F3 – Fuse 2 Amp, 250 VAC, SLO-BLO – Stryker Part Number 59-148

F4 – Fuse 7 Amp, 250 VAC, SLO-BLO – Stryker Part Number 59-150

CONNECTOR LOCATION	VOLTAGE	POSITIVE LEAD	NEGATIVE LEAD	DESCRIPTION
CON 1	110 VAC	1	2	Line In
CON 6	12 VDC	1	DC GND (CON 2)	DC Supply
CON 8	12 VDC	1	DC GND (CON 2)	DC Supply
CON 10	110 VAC	1	2	w/Lift
CON 11	110 VAC	3	1	w/Fowler Down
CON 11	110 VAC	4	1	w/Fowler Up
CON 12	110 VAC	3	1	w/Gatch Up
CON 12	110 VAC	4	1	w/Gatch Down
CON 4 & 5	12 VDC	1	DC GND (CON 2)	w/Head & Foot Lockout Switches Off
CON 4 & 5	12 VDC	2	DC GND (CON 2)	w/Gatch Down & Lockout Switches Off
CON 4 & 5	12 VDC	3	DC GND (CON 2)	w/Gatch Up & Lockout Switches Off
CON 4 & 5	12 VDC	4	DC GND (CON 2)	w/Fowler Up & Lockout Switches Off
CON 4 & 5	12 VDC	5	DC GND (CON 2)	w/Fowler Down & Lockout Switches Off

# Quick Reference Replacement Parts List

---

<b><u>ITEM</u></b>	<b><u>PART NUMBER</u></b>
Brake Adjuster .....	715-201-150
Brake Adjuster Service Tool .....	715-700-150
Brake Cam .....	715-301-221
Brake Ring .....	715-1-61
Control Board .....	1550-80-940
Head Board with Push Bar .....	1510-289
Hydraulic Jack, Constant Descent, Electric Lift Base .....	1550-270-210
Hydraulic Jack, Constant Descent, Non-Electric Lift Base .....	1231-70-210
Hydraulic Jack, Variable Descent, Electric Lift Base .....	1550-270-15
Hydraulic Jack, Variable Descent, Non-Electric Lift Base .....	1231-70-10
Hydraulic Oil Kit .....	1550-570-10
Instrument/Serving Tray .....	785-45-700
I.V. Caddy .....	1550-445-5
I.V. Caddy Tool Kit .....	1050-10
I.V. Pole, Standard, Removable .....	390-25
Jack Pump Piston Assembly .....	715-100-325
Jack Release Valve, Constant Descent .....	2025-700-26
Jack Release Valve, Variable Descent .....	715-270-100
Mattress (4" x 29") .....	1550-430-40
Paint, Touch-Up, Gloss Black, Bottle w/Brush .....	7000-1-322
Paint, Touch-Up, Gloss Black, Spray Can .....	7000-1-319
Paint, Touch-Up, Gray, Bottle w/Brush .....	7000-1-320
Paint, Touch-Up, Gray, Spray Can .....	7000-1-317
Pedal, Brake/Steer .....	1210-201-153
Pedal Dual-Lowering .....	1210-501
Pedal, Release, Foot End .....	1210-201-155
Pedal, Uni-Lowering .....	1210-500
Pedal Pad, Side Control .....	715-1-126
Power Cord Assembly Kit .....	1550-700-1
Power Cord, Detachable .....	39-254
Restraint Strap, Ankle (2 piece, Velcro) .....	946-43-100
Restraint Straps, Body (2 piece, Velcro) .....	390-19

# Quick Reference Replacement Parts List

---

<b><u>ITEM</u></b>	<b><u>PART NUMBER</u></b>
Restraint Straps, Chest (2 piece, Velcro) .....	1010-58
Restraint Strap, Wrist (2 piece, Velcro) .....	946-44-100
Siderail Component Housing Retrofit Kit, Right Side .....	1550-700-16
Siderail Component Housing Retrofit Kit, Left Side .....	1550-700-17
Siderail Control Label Set, Right .....	1550-26-25
Siderail Control Label Set, Left .....	1550-26-26
Siderail Pad Set .....	1010-52
Switch, Lift .....	3000-300-58
Switch, Patient Control Lockout .....	59-68



# Service Information

---

## STATIC DISCHARGE PRECAUTIONS

The electronic circuits in the 1550 are completely protected from static electricity damage only while the stretcher is assembled. It is extremely important that all service personnel always use adequate static protection when servicing the electronic systems of the 1550. *Whenever you are touching wires, you should be using static protection.*

### Static Protection Equipment

The necessary equipment for proper static protection is:

- 1 static wrist strap; 3M part number 2214 or equivalent,
- 1 grounding plug; 3M part number 61038 or equivalent,
- 1 test lead with a banana plug on one end and an alligator clip on the other; Smith part number N132B699 or equivalent.

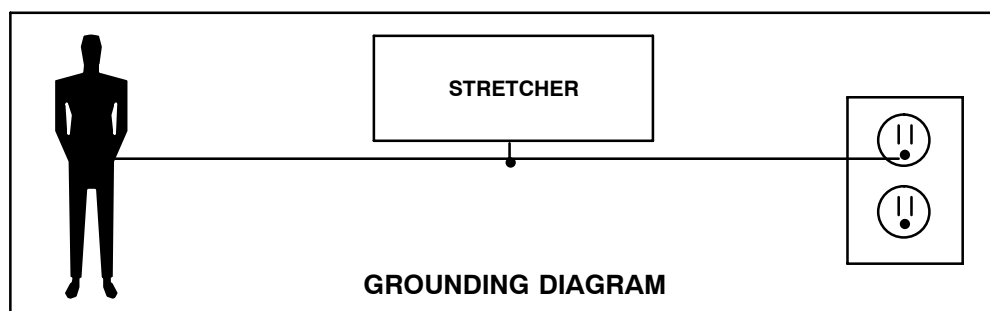
---

### CAUTION

All electronic service parts will be shipped in static shielding bags. Do not open the bags until you have completed steps 2 and 3 of the following procedure. Do not place unprotected circuit boards on the floor. All circuit boards to be returned to Stryker Medical should be shipped in the static shielding bags the new boards were shipped in.

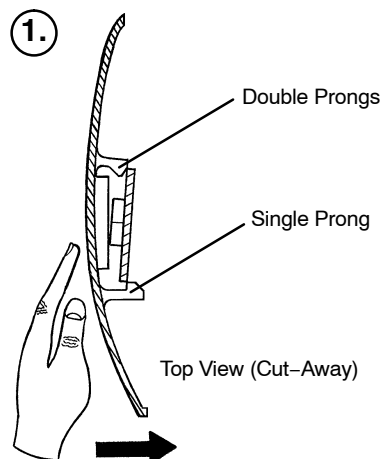
### Static Protection Procedure

1. Turn off the main power switch at the foot end of the stretcher and unplug the power cord from the wall receptacle.
2. Insert the grounding plug into a properly grounded hospital grade wall receptacle. Plug the banana plug of the test lead into the receptacle on the grounding plug. Connect the alligator clip on the other end of the test lead to the ground chain of the stretcher.
3. Place the static control wrist strap on your wrist. Connect the alligator clip at the other end of the wrist strap cord to the ground chain of the stretcher.

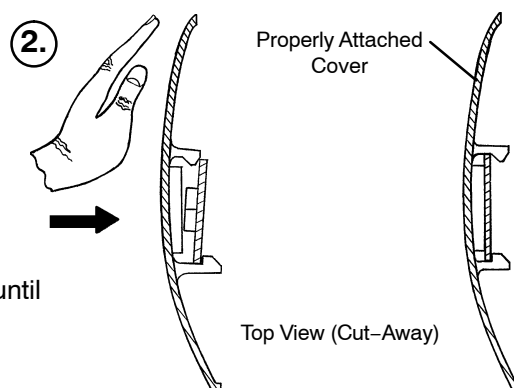


# Service Information

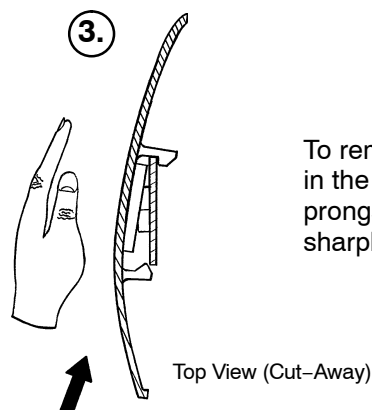
## CASTER COVER INSTALLATION AND REMOVAL



Looking through the larger of the two side cut-outs, align the cover with the axle nut or bolt head, as shown. Push down on the opposite side of the cover until the single prong engages the caster horn.



Push on the cover with your palm until the double prongs engage.



To remove the wheel cover, insert a large screwdriver into the cut-out in the side of the wheel cover and into the space between the double prongs. Pry up the cover to disengage the double prongs and push sharply upward to disengage the single prong.

## CASTER REMOVAL

### Required Tools:

9/16" Open End Wrench

1. Remove the caster cover.
2. While keeping pressure on the caster bolt with your index finger, use a 9/16" open end wrench to remove the nylock hex nut on top of the caster assembly.
3. Using the brake ring, lift up on the base assembly and pull the caster assembly down to remove it.
4. Reverse steps 1–3 to install the new caster.

# Service Information

---

## BRAKE CAM REPLACEMENT

Brake Cam Part Number 715-201-213

### Required Tools:

1/8" Allen Wrench                      String or Bungee Cord                      3/32" Allen Wrench

### Procedure:

1. Lift and support the base hood using string or bungee cord.
2. Using a 3/32" Allen wrench, loosen the set screw holding the brake adjuster to the brake ring and turn the adjuster clockwise to remove it.
3. Using a 1/8" Allen wrench, remove the shoulder bolt and nut holding the brake link on the cam and remove the cam.
4. Reverse the above steps to install the new cam. Apply and release the brakes several times to verify they operate properly. If adjustment is required, see [page 24](#).

## BRAKE RING REPLACEMENT

Brake Ring Part Number 715-1-61

### Required Tools:

String or Bungee Cord                      (2) 7/16" Wrenches                      Floor Jack, Small Crate (or equiv.)  
Large Standard Screwdriver                      3/32" Allen Wrench                      11/16" Socket & Ratchet  
5/8" Wrench                      Needle Nose Pliers

### Procedure:

1. Lift and support the base hood using string or bungee cord.
2. Put the brake/steer pedal in the neutral position. Lift the end of the base needing service until the casters are approximately 12" off the floor and support it with a jack or the equivalent.
3. Using a 3/32" Allen wrench, loosen the set screw holding the brake adjuster to the brake ring and turn the adjuster clockwise to remove it.
4. Remove the caster covers on both casters (see [page 12](#)).
5. Remove one of the complete caster assemblies (see [page 12](#)). On the other caster, use an 11/16" socket and ratchet and a 5/8" wrench to remove the nut and bolt holding the wheel on the caster horn and remove only the wheel.
6. Using needle-nose pliers, carefully remove the spring between the brake cam and the brake ring.

---

### WARNING

The spring is tightly compressed. Use caution when removing it or personal injury could result.

---

7. If you are working on an end control base, remove the spring from the pump pedal.
8. Lower the brake ring and remove it from the base. Remove the brake pads and bushings and install them on the new brake ring.
9. Reverse the above steps to install the new brake ring and reinstall the caster and wheel. Apply and release the brakes to assure they operate properly. If adjustment is required, see [page 24](#). Reinstall the base hood.

# Service Information

---

## FIFTH WHEEL REPLACEMENT

### Required Tools:

Pliers	String or Bungee Cord	3/16" Allen Wrench
(2) 9/16" Box End Wrenches		

### Procedure:

1. Apply the stretcher brakes.
2. Pump the litter up to full height.
3. Lift and support the base hood using string or bungee cord.
4. Using pliers, remove the cotter pin from the end of the fifth wheel pivot rod and remove the two washers.
5. Pull up on the fifth wheel arm and pull down on the tension spring to release the pressure on the arm.
6. Using a 3/16" Allen wrench, remove the hex Allen bolt from the center of the pivot rod and pull the pivot rod out of the wheel arm.
7. Reverse the above steps to install a new fifth wheel assembly.

### NOTE

To replace the wheel only, use two 9/16" box end wrenches to remove the bolt and nut holding it to the wheel arm.

## BASE SIDE CONTROL PEDAL LINKAGE ADJUSTMENT

### Required Tools:

3/8" Wrench	5/32" Hex Allen Wrench	7/16" Wrench
Bungee Cords		

### Adjustment Procedure:

1. Place 150–200 pounds on the litter and pump the litter up to full height.
2. Lift the base hood, separating the hood from the base frame. Using the bungee cords, support the base hood.
3. Using a 3/8" wrench and a 5/32" hex Allen wrench, loosen the appropriate pedal linkage adjustment nut until the jack stops "drifting". Raise the litter to full up.
4. Tighten the pedal linkage adjustment nut until the jack begins to slowly descend.
5. Using a 7/16" wrench, back the pedal linkage adjustment nut out four full turns. Raise the litter to full up.
6. Loosen the pedal linkage adjustment nut and ensure no drift occurs. If the jack drifts, repeat procedure.

# Service Information

---

## BASE SIDE CONTROL BRAKE/STEER GEAR REPLACEMENT

### Required Tools:

Pliers	String or Bungee Cord	Floor Jack or Equivalent
1/8" Allen Wrench	5/32" Allen Wrench	3/8" Box End Wrench
(2) 9/16" Box End Wrenches	3/16" Punch	1/4" Punch
Hammer		

### Procedure:

1. Apply the stretcher brakes.
2. Pump the litter up to full height.
3. Lift and support the base hood using string or bungee cord.
4. Using pliers, remove the cotter pins from both jack pump pistons and the pump linkage.
5. Using the 9/16" box end wrenches, remove the two bearing plate bolts.
6. Remove the cotter pin on the side brake bar.
7. Remove the bearing plate and pull out the idler gear rod while holding onto the gear. Lift the gear out.
8. Slide the miter gear away from the rod spacer and remove the dowel pin.
9. Using the floor jack, raise the side of the base you are working on approximately four inches.
10. Rotate the brake bar so the pedals are upside down.
11. Using a 1/4" punch and a hammer, remove the groove pin from the side brake rod.
12. Using a 3/16" punch and hammer, remove the 3/16" groove pin from the pedal.
13. Using a 5/32" Allen wrench, remove the set screw from the collar inside the gear box.
14. Remove the brake rod while holding the gear on the rod.
15. Using a 1/8" Allen wrench and a 3/8" box end wrench, remove the nuts and bolts holding the brake link to the rod.
16. Using a 5/32" Allen wrench, remove the set screw from the collar outside of the gear box.
17. Using a 1/4" punch, remove the roll pin from the cam and brake link collar.
18. Reverse the above steps to install the replacement gear.
19. Inspect each gear for wear. Lube with MPG-2 grease or the equivalent if necessary.

## UNI-PEDAL REPLACEMENT

### Required Tools:

Drill w/3/16" Drill Bit	Floor Jack	Pop Rivet Tool
-------------------------	------------	----------------

### Replacement Procedure:

1. Set the stretcher brake and pump the litter up fully.
2. Use the floor jack to raise the side of the base frame off the floor approximately four inches.
3. Using a drill with a 3/16" drill bit, drill out the rivets on the bottom of the pedal to be replaced.
4. Using a pop rivet tool and rivets, install the replacement pedal.
5. Lower the stretcher to the floor. Test the operation of the pedal before returning the stretcher to service.

# Service Information

---

## JACK REPLACEMENT – NON ELECTRIC LIFT BASE (WITHOUT COMPRESSION SPRING)

### Required Tools:

3/8" Wrench

1/2" Socket

1/2" Wrench

Needle Nose Pliers

### Replacement Procedure:

1. Apply stretcher brakes. Raise litter to full up. Raise Fowler to full up and raise siderails.
2. Use a 3/8" wrench to remove the bolt in the litter support tube above black bellows on both ends.
3. With the assistance of another person, lift off the stretcher litter and set it aside, taking care not to damage the siderails, etc.
4. Push down on the jack actuator to put the jack in the full down position.
5. Lift off the plastic base hood, separating the Velcro holding it to the base frame.
6. Using a 1/2" socket and 1/2" wrench, remove the four bolts, washers and nuts holding the jack support straps to the base frame.
7. Using needle-nosed pliers, remove the two cotter keys on the pump link and remove the pump link.
8. Using a 1/2" socket and a 1/2" wrench, remove the four bolts holding the jack base to the base frame (using a 3" extension may be required). Remove the jack from the base frame.
9. Reverse steps 6–8 to install the replacement jack. Reinstall the base hood and the litter.

## JACK REPLACEMENT – NON ELECTRIC LIFT BASE (WITH COMPRESSION SPRING)

### Required Tools:

3/8" Wrench

Needle Nose Pliers

Straight Screwdriver

Spring Compression Tool

### Replacement Procedure:

1. Apply stretcher brakes. Raise litter to full up. Raise Fowler to full up and raise siderails.
2. Use a 3/8" wrench to remove the bolt in the litter support tube above black bellows on both ends.
3. With the assistance of another person, lift off the stretcher litter and set it aside, taking care not to damage the siderails, etc.
4. Push down on the jack actuator to put the jack in the full down position.
5. Lift off the plastic base hood, separating the Velcro holding it to the base frame.
6. Using needle-nosed pliers, pull cotter pin from pump cylinder.
7. Using a straight screwdriver and pump spring compression tool (available upon request), compress the pump spring and pry the pump link out of the pump cylinder.

---

### CAUTION

Do not let the pump piston come out of the jack or damage may occur.

8. Remove and replace jack as described in the procedure above.
9. Replace pump spring and pump link using the straight screwdriver and the pump compression tool.
10. Reinstall the base hood and the stretcher litter.

# Service Information

## HYDRAULIC CHECK VALVE REPLACEMENT – NON-ELECTRIC LIFT BASE

### Required Tools:

3/8 Open End Wrench  
3/4 Open End Wrench  
1/2 Inch Diameter Rod

Stiff Wire (with bent, pointed end)  
Torque Wrench (with Ft. Lbs. adjust.)

Small Needle Nose Pliers  
7/32 Hex Allen Wrench

### Replacement of Valve #1

#### WARNING

To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks. Lower the jack rod completely to relieve the pressure on the pump piston side of the jack. This will prevent large hydraulic fluid loss and possible damage when the base plugs are removed.

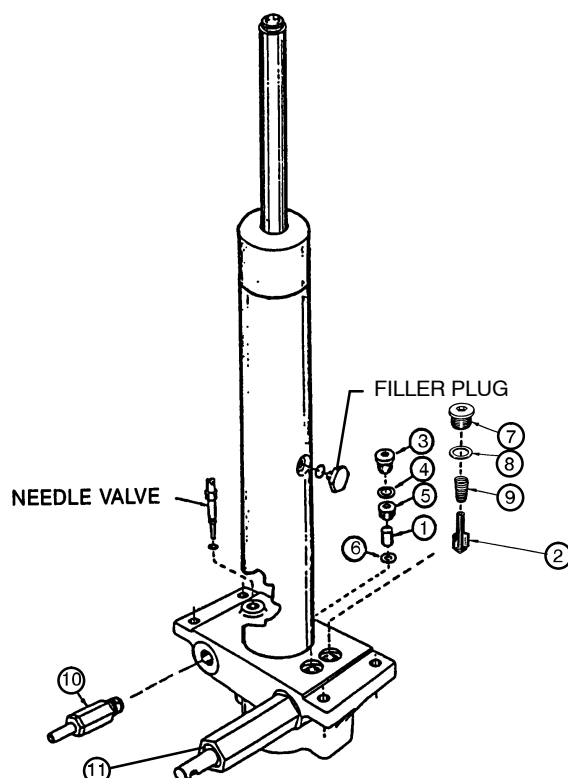
1. Remove the base plug (3) and discard the seal (4).
2. Remove the valve plug (5).
3. Using a stiff wire with a bent, pointed end, remove the valve (1) and the seal (6) and discard the seal.
4. Install the new seal (6) flat to the bottom of its hole with a 1/2" diameter rod.
5. Install the new valve (1) with the beveled end out (as shown in the illustration).
6. Install the valve plug (5) and tighten to 10 foot-pounds torque.
7. Install the new seal (4) with the base plug (3) and tighten to 10 foot-pounds torque.
8. Pump up the jack to the maximum height.
9. Be sure there are no hydraulic leaks before replacing the base hood and the litter.

ITEM	PART NO.	PART NAME
1	926-20-153	Check Valve
2	715-1-341	Poppet
3	715-1-301	Base Plug
4	926-20-156	Seal
5	715-1-309	Valve Plug
6	926-20-154	Seal
7	715-1-301	Base Plug
8	926-20-156	Seal
9	390-2-134	Compression Spring
10	715-270-100	Valve Assembly*
10	2025-700-26	Valve Assembly**
11	715-100-325	Pump Piston

\* Used on jack part number 1231-70-10.

\*\* Used on jack part number 1231-70-210.

(See label on side of jack reservoir for jack part number).



# Service Information

---

## HYDRAULIC CHECK VALVE REPLACEMENT – NON-ELECTRIC LIFT BASE (CONTINUED)

### Replacement of Valve (Poppet) #2

---

#### **WARNING**

To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks. Lower the jack rod completely to relieve the pressure on the pump piston side of the jack. This will prevent large hydraulic fluid loss and possible damage when the base plugs are removed.

---

1. Remove the base plug (7) and discard the seal (8).
2. Remove the compression spring (9).
3. Using a small needle nose pliers, remove the poppet (2).
4. Install the new poppet (2).
5. Install the compression spring (9).
6. Install the new seal (8) and the base plug (7) and tighten to 10 foot-pounds torque.
7. Pump up the jack to the maximum height to check its operation.
8. Check for hydraulic leaks before replacing the base hood and the litter.



# Service Information

---

## JACK/MOTOR REPLACEMENT – ELECTRIC LIFT BASE

### NOTE

When replacing the foot end jack, the motor does not need to be removed.

### Required Tools:

Large Phillips Screwdriver	String or Bungee Cord	Sawhorses (or equivalent)
1/2" Socket w/6" Extension	1/2" Box End Wrench	1/4" Allen Wrench
3/8" Box End Wrench	Small Standard Screwdriver	Modified Flair Nut Wrench (p/n 1550-570-5)

### Procedure:

1. Unplug the power cord from the wall socket. Press fully down on the brake pedal to set the brakes. Pump the lift pedal and fully raise the litter. Remove the four Phillips screws holding the base hood to the frame. Lift and support the base hood using string or bungee cord. Using sawhorses or the equivalent, support the litter at the end of the stretcher that needs service.
2. Using a 3/8" box end wrench, remove the screw holding the jack to the litter support tube.
3. Press down on the release pedal for the end of the stretcher being serviced, and, at the same time, push down on the jack actuator until it is fully down.
4. Put the brake/steer pedal in neutral and move the end of the base being serviced out from under the litter to allow better access to the jack and motor. Press fully down on the pedal to reset the brakes.

### WARNING

Move only the base. Be very careful not to move the litter. Personal injury could result if the litter falls off the sawhorses (or equivalent) supporting it.

5. Using a 1/2" socket and a 1/2" wrench, remove the nuts and bolts holding the jack support bracket on both sides of the jack. Using a 1/2" socket, remove the two nuts and bolts holding the support bracket on the base tube bracket.
6. Properly ground yourself (see [page 11](#)). Disconnect the motor cables.
7. Using a 1/2" ratchet with a 6" extension and a 1/2" wrench, remove the four nuts and bolts holding the jack, motor, and enclosure on the base frame,
8. Using a 1/4" Allen wrench and a 1/2" box end wrench, remove the nut and bolt holding the jack pump piston to the linkage. If you are replacing the head (control) end jack, remove the nut and compress the jack spring before removing the bolt. Carefully release the spring and remove it from the spring holder.
9. Pull out the jack and motor.
10. Using the modified flair nut wrench (p/n 1550-570-5), disconnect the hydraulic pressure hoses.
11. If the capacitor needs to be replaced, use a small, standard screwdriver to remove it from the bracket on the bottom of the enclosure.
12. Place the new jack/motor assembly in the enclosure. Reinstall the jack support brackets. Reinstall the jack pump piston to the linkage.
13. Line up the enclosure and motor with the holes in the base frame and reinstall the four nuts and bolts.
14. If the capacitor is being replaced, push the new capacitor into the bracket inside the enclosure. Connect all wires and cables.
15. Be sure the jack actuator is in the full down position and remove the fill plug on the side of the jack actuator. The hydraulic fluid should be visible at the bottom of the fill hole. If it is not, fill the jack with hydraulic fluid (Stryker part number 1550-570-10) until the fluid is visible at the bottom of the fill hole.
16. Reinstall fill plug, plug stretcher power cord into a properly grounded wall receptacle and run the jack up and down electrically. Remove the fill plug and add more hydraulic fluid, if necessary. Repeat this step two or three times.
17. Pump the lift pedal to raise the jack actuator and reattach the jack to the litter support tube. Reattach the base hood. Test the lift functions before returning the stretcher to service.

# Service Information

---

## JACK ASSEMBLY TORQUE SPECIFICATION

### Jack Assembly with Threads Oiled

- |   |                      |
|---|----------------------|
| 1. Jack Cap Assembly to Jack Actuator Cylinder  | 75 to 85 Foot Pounds |
| 2. Jack Actuator Cylinder to Jack Base Assembly | 55 to 65 Foot Pounds |

### Jack Base Assembly with Threads Oiled

- |   |                      |
|---|----------------------|
| 1. Jack Pump Cylinder to Jack Base Machined | 45 to 55 Foot Pounds |
| 2. Jack Pin Housing to Jack Base Machined   | 35 to 45 Foot Pounds |
| 3. Jack Base Plugs to Jack Base Machined    | 8 to 12 Foot Pounds  |
| 4. Jack Valve Plug to Jack Base Machined    | 8 to 12 Foot Pounds  |
| 5. Flow Control Valve to Jack Base Machined | 16 to 20 Foot Pounds |

## CHECKING HYDRAULIC FLUID LEVEL

### Required Tools:

3/8 Open End Wrench

3/4 Open End Wrench

### Procedure:

---

#### WARNING

To avoid personal injury or damage to the stretcher, remove the litter and the base hood before beginning service on the jacks.

1. Using a 3/8 open end wrench, remove square head set screws from both head and foot end jack support tubes. Remove litter top and set aside.
2. Lift base hood off base frame and set aside.
3. Be sure there are no hydraulic leaks. If there are, jack replacement will be necessary.
4. Lower the jack to the full down position.
5. Using a 3/4 open end wrench, slowly turn the fill plug located on the side of the reservoir counterclockwise to allow excess system pressure to vent. Remove the fill plug.
6. The hydraulic fluid should be visible at the bottom of the fill hole. If it is not, add Mobil Aero HFA hydraulic fluid (Stryker part number 2020-70-475) until the fluid is visible at the bottom of the fill hole. Replace the fill plug.

---

#### CAUTION

Use of other types of oil may damage hydraulic units.

7. Replace the hood and the litter.

# Service Information

---

## JACK DESCENT RATE ADJUSTMENT

### Required Tools:

Screwdriver

Bungee Cords

### Adjustment Procedure:

1. Pump the litter up to full height.
2. Lift the base hood, separating the hood from the base frame. Using the bungee cords, support the base hood.
3. The descent rate needle valve is located on the base of the jack. Turn the needle valve clockwise, with a screwdriver, to decrease the rate of descent. Turn it counterclockwise to increase the rate of descent.
4. Adjust the needle valve so that the foot end of the stretcher descends slightly faster than the head end. (The factory settings are 3/4 turn from closed for the head end and 1 1/2 turn from closed for the foot end.)

### NOTE

The larger percentage of a patient's weight is located in the torso area. Adjust descent rate accordingly.

5. Remove the bungee cords supporting the base hood and secure the hood to the base frame.

### NOTE

The jack descent rate was preset at the factory to drop the foot end faster than the head. It is recommended that the foot drop faster to avoid patient disorientation.

## REMOVAL OF EXCESS AIR (VACUUM) FROM THE HYDRAULIC SYSTEM

### Procedure:

1. Verify all hydraulic linkages are secure and operating properly (see pedal linkage adjustment procedure [page 14](#)).
2. Using pump pedal, actuate system several times. This will force the air through the system and the jack should now pump up.

# Service Information

---

## HYDRAULIC PRESSURE HOSE REPLACEMENT

40" Hose Part Number 1550-71-1

36" Hose Part Number 1550-71-7

### Required Tools:

Large Phillips Screwdriver

9/16" Open End Wrench

11/16" Open End Wrench

6" 3/8 Drive Extension

3/8" Drive Ratchet

Paper Towels or Rags

String or Bungee Cord

Modified Flair Nut Wrench – p/n 1550-570-5

### Procedure:

1. Raise the litter to the full up position. Unplug the stretcher power cord from the wall socket.

### NOTE

If the hydraulic system is completely disabled, manually lift up on the litter to raise the jack actuator.

2. Remove the four Phillips head screws securing the base hood to the base frame. Lift the hood and secure it to the litter using string or bungee cords. Use caution when lifting the hood so none of the wires leading to the litter are pulled loose.
3. Locate the black pressure hose leading from the top of the jack casting to the head of the pump. Using a 9/16" open end wrench, remove the hose from the 90° fitting. Before removing the hose from the jack base, pack a paper towel or rag around the fitting to soak up the hydraulic oil that will run out of the hose. Using the modified flair nut wrench, loosen the hose fitting and remove the hose.
4. To install the new hose, pass it behind the jack brace and thread it onto the jack base fitting.

---

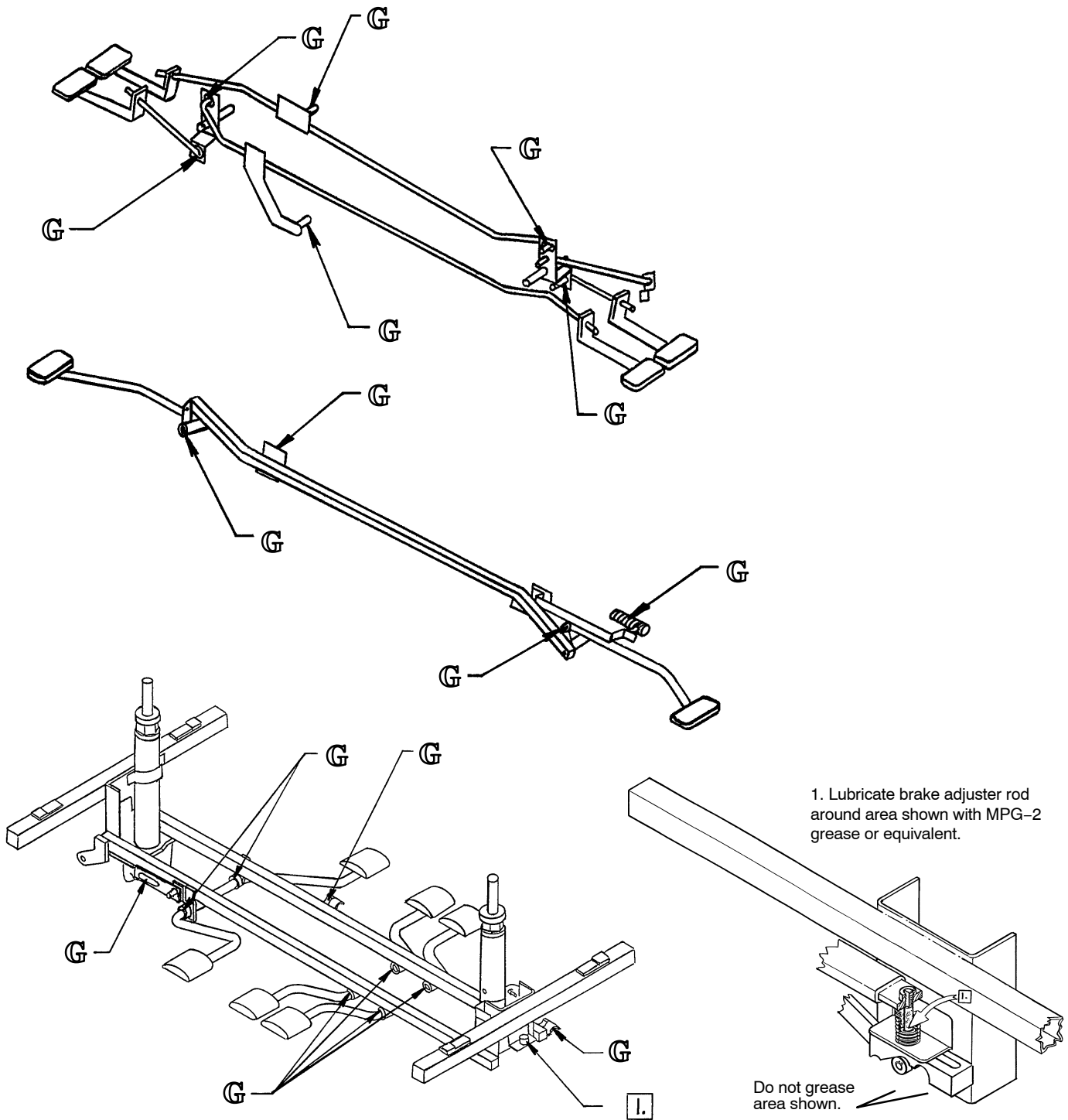
### CAUTION

Do not over-tighten the fitting. Thread the brass nut by hand and tighten approximately 60° or one flat of the nut.

5. Attach the other end of the hose to the pump and tighten as described above. If the hose is tight or stressed, it may be necessary to change the angle of the fitting on the pump. Using an 11/16" open end wrench, loosen the nut against the pump 1/2 turn, reposition the fitting and tighten the nut. Remove the paper towel or rag used to soak up the hydraulic oil.
6. Replace the hydraulic oil lost when the hose was removed. Remove the filler plug and add approximately 1 ounce of Mobil AW-32 hydraulic oil (Stryker part number 1550-570-10). Do not fill to the bottom of the fill hole because most of the oil is in the actuator cylinder when the litter is raised.
7. After the new hydraulic hose or hoses have been installed, plug the stretcher power cord into a properly grounded wall receptacle. Cycle the litter up and down approximately 10 times and inspect the hose(s) and fittings for leaks.
8. Before installing the base hood, inspect all the wires and connectors and Verify none has pulled loose. Position the hood being sure no wires are hanging out or pinched. Replace the four screws to secure the hood.

# Service Information

## BASE LUBRICATION POINTS



# Service Information

## BRAKE ADJUSTMENT

### Required Tools:

3/32" Hex Allen Wrench  
Pry Bar  
Thread "Locktite"

PRY BAR  
To compress spring,  
relieving pressure on stud.

Set Screw

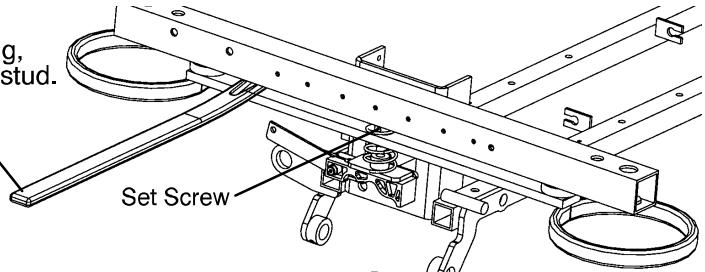
Flat on stud thread

Flat on thread of stud must always be aligned with the set screw. Turn must always be full circle only.

DECREASE

INCREASE

BRAKE  
TENSION  
ADJ.



# Service Information

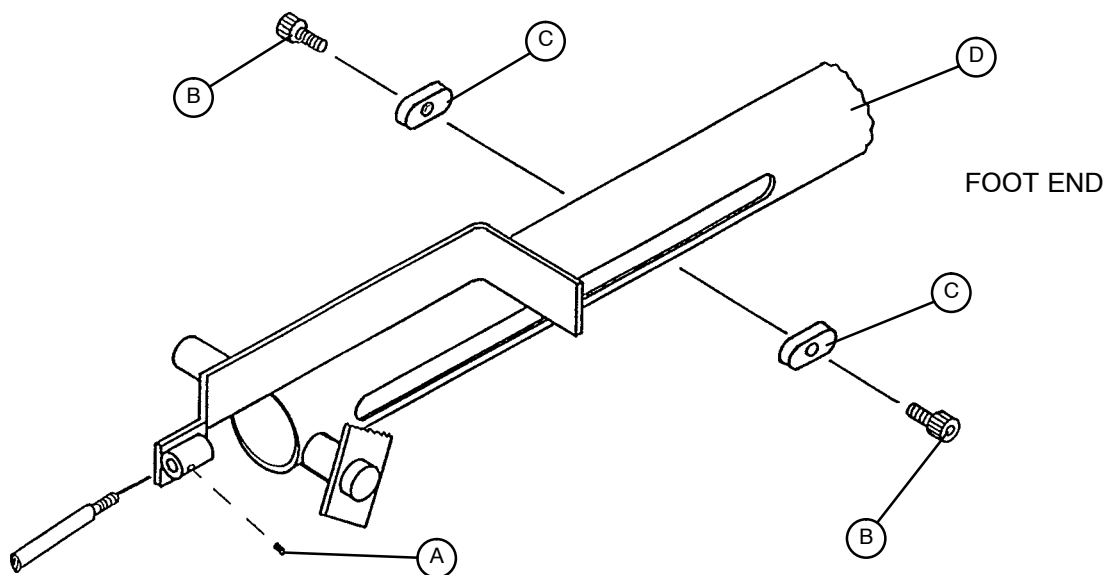
## FOWLER LIFT MOTOR/ACTUATOR REPLACEMENT

### Required Tools:

(2) 7/16" Open End Wrenches  
Two 1/2" Wrenches or Sockets  
5/64" Allen Wrench

5/32" Allen Wrench  
1/4" Nut Driver  
String or Cord

Standard Screwdriver (12" or longer)  
5/16" Ratchet and Extension  
Sawhorse (or equivalent)



### Procedure:

1. Raise the litter, Fowler and Knee Gatch to the full up position. Remove the mattress and unplug the power cord from the wall socket. Properly ground yourself (see [page 11](#)).
2. Lift the foot section and pivot it back, securing it with string or cord. Using a 5/32" Allen wrench, remove the four screws and the two Knee Gatch guides from the sides of the motor/board cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the black cable connecting the Fowler motor to the logic circuit board.
4. Remove and save the small black cap from the end of the quick drop release cable. With two 7/16" open end wrenches, loosen the nuts on the cable retainer until the end of the quick drop release cable will slide out. Using a 5/64" Allen wrench, loosen the set screw (A) securing the cable cover at both ends of the cable and pull off the cable cover.
5. Using a screwdriver, pry off the ball retainers at each end of the black gas cylinder and remove the gas cylinder. Using a 5/32" Allen wrench, remove the screws (B) holding the guide spacer (C) on each side of the Fowler tube (D). Trip the Fowler quick drop lever **on the end of the actuator\*** and at the same time manually lift the Fowler. Use string or cord to secure the Fowler out of the way.

### CAUTION

**\*Do not** use the red quick drop release handle because the Knee Gatch will come down.

6. Using two 1/2" wrenches or sockets, remove the two nuts and bolts from each side of the "Y" shaped Fowler bracket at the head end of the stretcher. Hold the Fowler lift motor tube (D) so it does not fall and damage the storage tray.
7. Using a 7/16" wrench, remove the two inner nuts and bolts fastening the motor to the mounting brackets inside the enclosure at the foot end of the stretcher. Only the two inner bolts need to be removed.

# Service Information

---

## FOWLER LIFT MOTOR/ACTUATOR REPLACEMENT (CONTINUED)

8. Using a 5/16" ratchet and extension, remove the two screws from the bottom mounting bracket under the actuator assembly. Support the foot end of the stretcher using a sawhorse or the equivalent. Using a 1/2" wrench or socket and ratchet, remove the bolt holding the litter support tube on top of the jack to the litter roller assembly and swing the litter support aside. Using a 7/16" socket, remove the bolt holding the foot section to the Gatch motor tube and pivot the foot section completely back.
9. Pull the "Y" shaped bracket off the end of the lift motor tube and remove the actuator assembly from the enclosure. Install the new actuator assembly and the two screws in the bottom mounting bracket. Install the two inner bolts through the motor mounting brackets. Reattach the litter support tube to the litter roller assembly. Reattach the Gatch motor tube to the Gatch. Lift the Fowler and install the "Y" shaped Fowler bracket onto the end of the Fowler motor tube. (It will be necessary to trip the quick drop latch). Grease the motor tube, if necessary. Install the two stops (E) on the sides of the Fowler motor tube using the screws and adhesive provided with the new actuator.
10. Install the gas cylinder with the large diameter end toward the foot end of the stretcher. Install the small (head) end first, then move the Fowler until the foot end of the cylinder can be popped on. Plug the black motor cable into the logic circuit board and plug the stretcher power cord into a properly grounded wall receptacle. Inspect and test the lift and quick drop systems. (Trip the quick drop at the latch under the Gatch. Do not attach the cable yet.) If the Fowler or Gatch do not lower or raise properly and the limit switches need to be adjusted, see the procedure on [page 28](#).
11. Insert the cable outer cover into the Fowler actuator bracket and secure it with the set screw. Thread the cable through the quick drop release lever on the actuator and through the cable cover and the release lever. Keep the cable taut between the two washers on the release lever (but not holding the latch open) and tighten the nut and bolt holding it in place. Rotate the red lever to test the quick drop function for proper operation. Glue the black cap on the end of the cable.
12. Reinstall the enclosure cover and the Knee Gatch guides with the four socket head cap screws. When installing the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws. Inspect and test the stretcher before returning it to service.



# Service Information

---

## GATCH LIFT MOTOR/ACTUATOR REPLACEMENT

### Required Tools:

7/16" Socket	Ratchet	1/4" Socket or Wrench
Inclinometer	5/16" Socket	5/64" Allen Wrench
3" Extension	Medium Standard Screwdriver	1/2" Wrench or Socket
1/2" Socket	5/32" Wrench	(2) 7/16" Wrenches
String or Cord	Sawhorse (or equivalent)	

### Procedure:

1. Unplug the stretcher power cord from the wall socket. Properly ground yourself (see [page 11](#)).
2. Using a 1/2" wrench and socket, remove the bolts holding the Gatch motor assembly to the Knee Gatch mounting bracket underneath the litter midsection.
3. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
4. Manually crank up the Fowler (head end) to expose the quick drop lever assembly. Remove and save the small black cap from the end of the quick drop release cable. With two 7/16" open end wrenches, loosen the nut on the cable retainer until the quick drop release cable will slide out. Using a 5/64" Allen wrench, loosen the set screw securing the cable cover at both ends of the cable and pull off the cable cover.
5. Using a 7/16" wrench, remove the two inner nuts and bolts fastening the Gatch motor to the mounting brackets inside the motor enclosure. Only the two inner bolts need to be removed.
6. Using a 5/16" socket and extension, remove the two bolts from the bottom mounting bracket under the actuator assembly inside the motor enclosure.
7. Unplug the black Gatch motor cable from the logic circuit board.
8. Support the foot end of the stretcher using a sawhorse or the equivalent. Using a 1/2" wrench or socket, remove the bolt holding the litter support tube on top of the jack to the litter roller assembly and swing the litter support aside. Using a 7/16" socket, remove the bolt holding the foot section to the Gatch motor tube and pivot the foot section completely back.
9. Remove the Gatch motor.
10. Reverse steps 2–8 to install the new Gatch motor.
11. Plug the stretcher power cord into a properly grounded wall socket and use the siderail control to raise the Gatch until the motor stops.
12. Using an inclinometer, verify the Gatch is at a 30° angle. If it is not, run the motor until a 30° angle is achieved, then disconnect the motor from the Gatch mounting bracket and quick drop release cable.
13. Using the siderail controls, run the motor up, allowing the motor to spin freely, until it stops.
14. Reattach the motor to the Gatch mounting bracket and quick drop release cable and verify the Gatch is now at a 30° angle. Run the Gatch fully down and verify it reaches the full down position. If the motor stops before the Gatch is fully down or continues to run after the Gatch is resting on the rubber Gatch stops, see [page 28](#) for limit switch adjustment.

# Service Information

---

## FOWLER AND KNEE GATCH MOTOR/ACTUATOR ADJUSTMENT

### Procedure:

1. Electrically raise the Fowler (or Knee Gatch) until it stops. Use an inclinometer to check the angle of the Fowler/Knee Gatch. If the angle is not 70° – 80° for the Fowler or 28° – 30° for the Gatch, the actuator(s) will need to be adjusted.
2. Lower the Fowler down flat and remove the socket head cap screws and spacers holding the drive bar to the crankscrew/actuator assembly.
3. Standing at the head end of the bed, turn the outer drive tube **clockwise** if the Fowler angle is less than 70°. Turn the outer drive tube **counterclockwise** if the Fowler angle is more than 80°. Reattach the drive bar to the crankscrew/actuator assembly. Electrically raise the Fowler fully and check the angle.
4. If the Knee Gatch angle is not correct, disconnect the pivot bolt from the Gatch. Standing at the head end of the stretcher, turn the drive tube **clockwise** if the Gatch angle is less than 28°. Turn the drive tube **counterclockwise** if the Gatch angle is more than 30°. Reattach the drive bar to the crankscrew/actuator assembly. Electrically raise the Gatch fully and check the angle.

### NOTE

One turn of the drive tube is equal to approximately 2° of Fowler/Gatch angle.

5. After the Fowler and Gatch upper limits are set properly, rotate the quick drop release lever to lower the Fowler and Gatch. Press and hold the Fowler and Gatch down buttons until the motor stops to reset the quick drop Fowler and Gatch. The Fowler and Gatch should stop on the rests. So there isn't any tension on the actuators, you should be able to pull up slightly on the Fowler and Knee Gatch. See the procedure below for limit switch adjustment if the Gatch limits are not properly set.

## FOWLER AND KNEE GATCH LIMIT SWITCH ADJUSTMENT

### Procedure:

1. If the motor does not stop when the Fowler or Gatch reaches the full down position or stops before the Fowler or Gatch is fully down on the rests, the limit switch needs to be adjusted.
2. Lower the Fowler and/or Gatch to the full down position being careful not to exceed the downward limit on the rubber stops.
3. Raise the Fowler/Gatch approximately 1". Rotate the quick drop release lever and run the Fowler/Gatch motor down to reset the quick drop.
4. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
5. Using a 1/4" wrench, remove the two screws on the end of the actuator holding the round limit switch cover plate and remove the plate to expose the limit switches.
6. Loosen the two screws on the outer limit switch cam and turn the cam by hand until it just contacts the limit switch. The switch will click when the cam contacts it.
7. Tighten the screws on the cam.
8. Raise the Fowler/Gatch fully. Rotate the quick drop lever and hold down the lowering button on the siderail to reset the quick drop. The Fowler/Gatch should lower fully down on the rests and the motor should stop. If it doesn't, repeat steps 6 through 8.
9. Reattach the switch cover plate and motor enclosure cover when the switch is set properly.

# Service Information

---

## LOGIC CIRCUIT BOARD REPLACEMENT

Logic Circuit Board Part Number 1550–80–940

### Required Tools:

Standard Screwdriver

5/32" Allen Wrench

7/64" Allen Wrench

### Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see [page 11](#)).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect all cables and connectors from the logic circuit board, noting their locations so they will be reconnected properly.
4. Using a 7/64" Allen wrench, remove the 6 Allen screws on the bottom of the motor/board enclosure. Lift the logic circuit board out of the enclosure.
5. Reverse the above steps to install the new circuit board. Reinstall the enclosure cover and Knee Gatch guides with the four socket head cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws. Test all bed functions before returning the stretcher to service.

## SIDERAIL LATCH ADJUSTMENT

### Required Tools:

1/8 Hex Allen Wrench

---

### WARNING

The siderail latch adjustment is pre-set at the factory, and there should not normally be a need for readjustment. If adjustment must be done it is important to follow the procedure below. If it is not done properly, injury to the patient or user could occur.

---

### Adjustment Procedure:

1. Using a 1/8" hex Allen wrench, adjust the hex Allen screw located on the latch assembly opposite the latch. Turning the Allen screw clockwise will **DECREASE** the amount of play in the latching mechanism. Turning counterclockwise will **INCREASE** the amount.

### NOTE

The amount of play in the siderail, when in full up engaged position, should be approximately 1/8" to 3/16".

---

### CAUTION

Too much play when the siderail is in the full up engaged position will give the siderail the appearance of being unstable and could also cause premature wearing of the latch system.

Too little play will obstruct the latch and keep it from engaging completely in the full up position, which may cause damage to the latch and/or injury to the patient or user.

# Service Information

---

## PATIENT CONTROL LOCKOUT SWITCH REPLACEMENT

Lockout Rocker Switch Part Number 59–68

### Required Tools:

Standard Screwdriver                      5/32" Allen Wrench

### Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see [page 11](#)).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the three cables leading from the rocker switch to the lockout cable on the logic circuit board.
4. From inside the enclosure, squeeze the sides of the rocker switch and push the switch out of the frame tube.
5. Push the new switch into the frame tube, threading the three cables through the tube. Connect the cables to the lockout cable, being sure the white cable is connected in the center.
6. Reinstall the enclosure cover and Knee Gatch guides with the four socket cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws.
7. Plug the stretcher power cord into a properly grounded wall receptacle and test the lockout function before returning the stretcher to service.

## PATIENT CONTROL LOCKOUT LED REPLACEMENT

### Required Tools:

Standard Screwdriver                      5/32" Allen Wrench                      Wire Cutters

### Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see [page 11](#)).
2. Lift the foot section and pivot it back, securing it with a string or cord. Using a 5/32" Allen wrench, remove the four screws and two Knee Gatch guides from the sides of the motor/board enclosure cover. Using a standard screwdriver, remove the two sheet metal screws holding the cover to the foot end frame tube and remove the cover.
3. Disconnect the red and black LED wires from the lockout cable. Clip the red and black wires and push the LED out of the litter frame tube.
4. Thread the new LED wires through the frame tube. Push the new LED into the frame tube. Crimp new connectors on the red and black wires on the new LED. Connect the new LED to the lockout cable on the logic circuit board.
5. Reinstall the enclosure cover and Knee Gatch guides with the four socket cap screws. When reinstalling the Knee Gatch guides, be sure the large hole in the guide is toward the foot (crank) end with the ridged side of the guide facing out. Install the two sheet metal screws.
6. Plug the stretcher power cord into a properly grounded wall receptacle and be sure the LED will light when the lockout function is activated before returning the stretcher to service.

# Service Information

---

## SIDERAIL PATIENT CONTROL REPLACEMENT

### Required Tools:

5/64" Allen Wrench

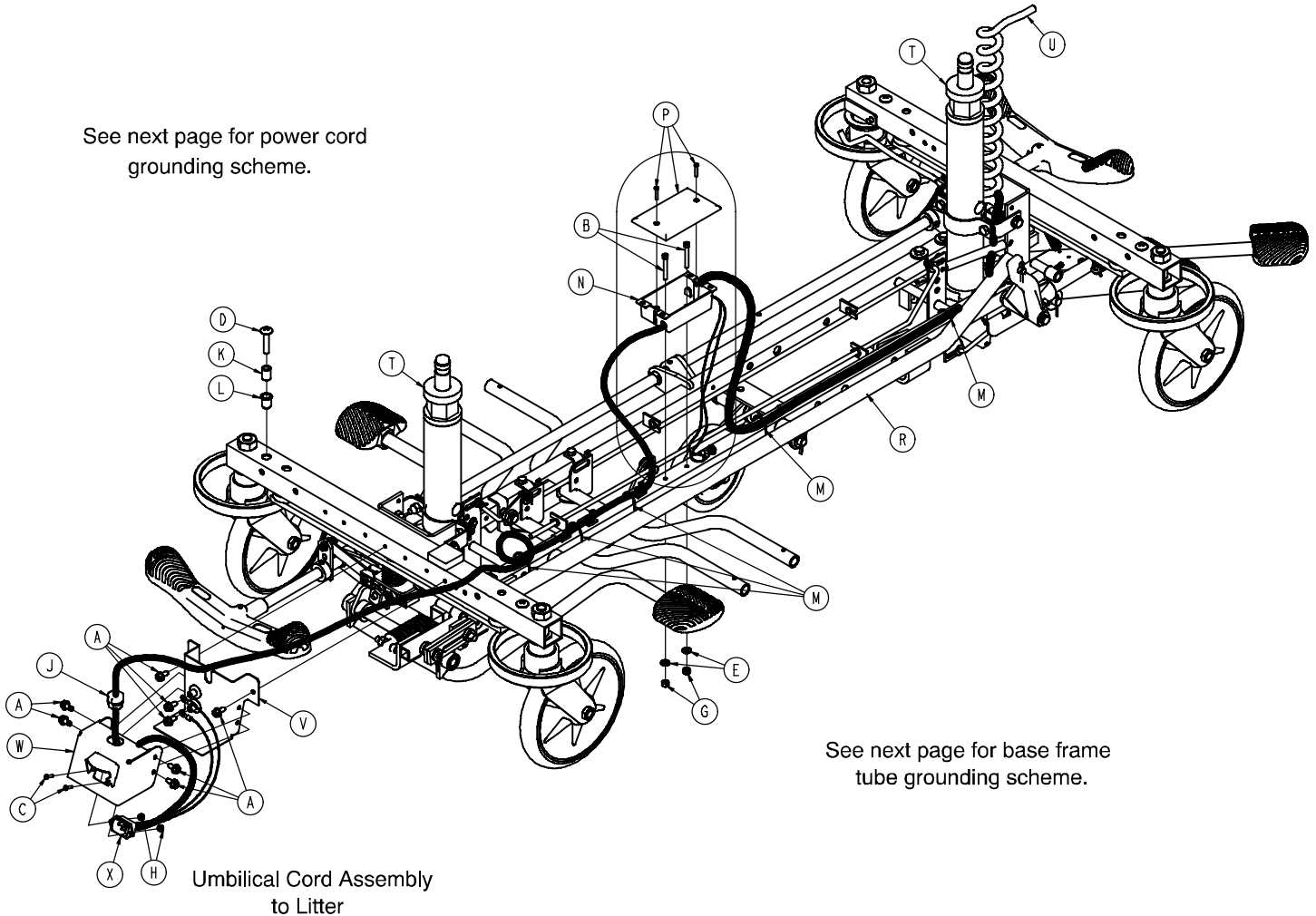
### Procedure:

1. Unplug the power cord from the wall socket. Properly ground yourself (see [page 11](#)). Lower the siderail.
2. Peel the label off the siderail top rail.
3. Using a 5/64" Allen wrench, remove the two screws from the top rail.
4. Pull the control assembly out of the inside of the top rail and disconnect the cable from the switch board inside the rail.
5. Reverse the above steps to install the new control assembly, being sure the cable is aligned with the groove in the switch housing and isn't pinched when the control assembly is installed.
6. Plug the stretcher power cord into a properly grounded wall receptacle and be sure the siderail control is working properly before returning the stretcher to service.

# Non-Electric Lift Base Assembly

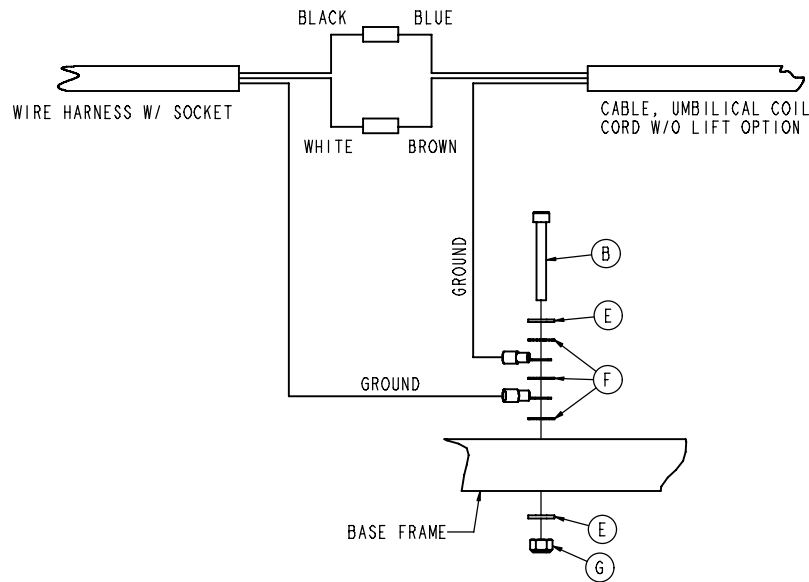
Assembly part number 1550-401 (reference only)

See next page for power cord  
grounding scheme.



See next page for base frame  
tube grounding scheme.

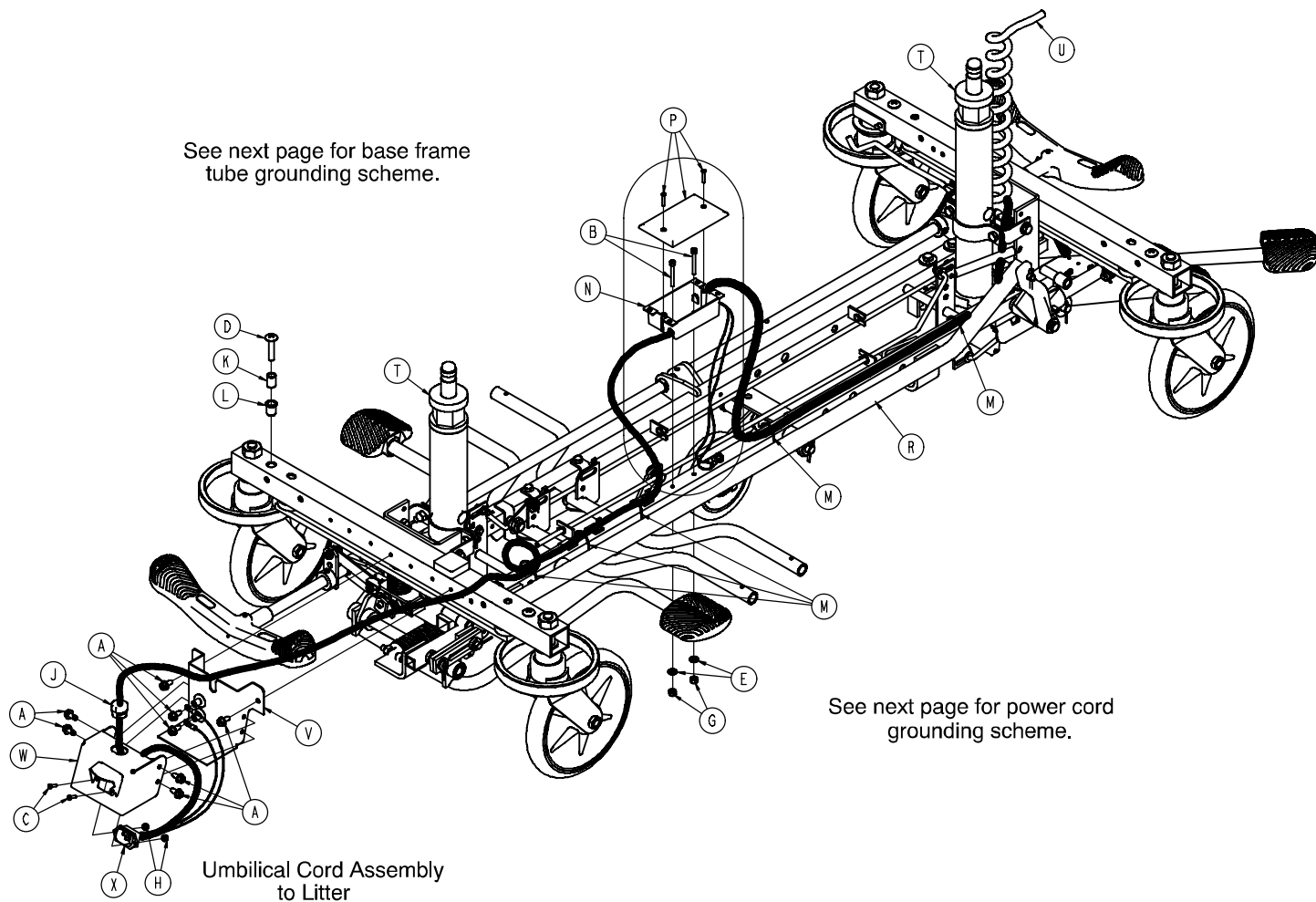
# Non-Electric Lift Base Assembly



Item	Part No.	Part Name	Qty.
A	3-221-0	Hex Washer Head Screw	8
B	4-85-0	Socket Head Cap Screw	3
C	4-126-0	Button Head Cap Screw	2
D	7-35-0	Truss Head Mach Screw	4
E	11-1-0	Washer	4
F	13-10-0	Washer	3
G	16-3-0	Nut	3
H	16-23-0	Nut	2
J	30-27	Strain Grommet	1
K	52-263	Tubular Spacer	4
L	55-18-0	Threaded Insert	4
M	59-75-0	Cable Tie	5
N	59-116-0	PVC Switch Box	1
P	59-118-0	Switch Box Cover	1
R	1210-30-210	3-Sided Control Base Assembly	1
T	1231-70-10	Jack Assembly	2
U	1550-185-25	Cable	1
V	1550-201-101	Bracket	1
W	1550-201-102	Socket Box Cover	1
X	1550-385-010	Wire Harness w/ Socket	1

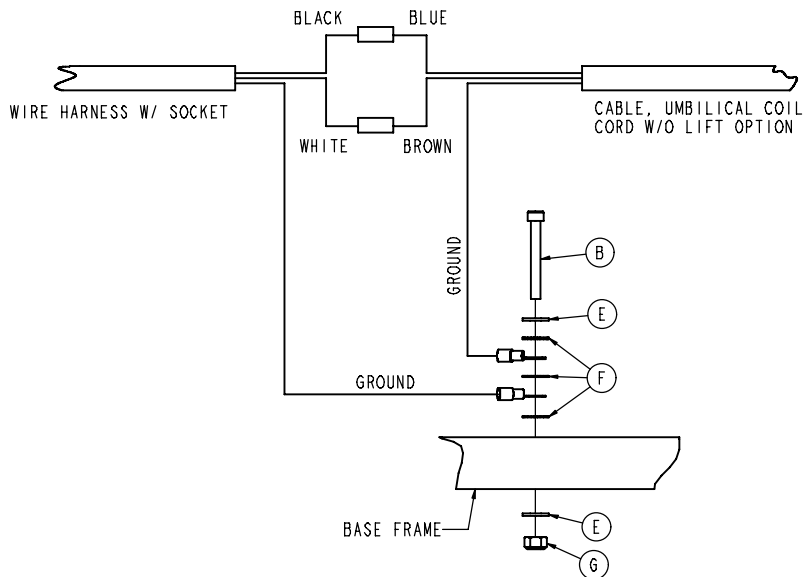
# Constant Descent Non-Electric Lift Base Assembly

Assembly part number 1550-404 (reference only)





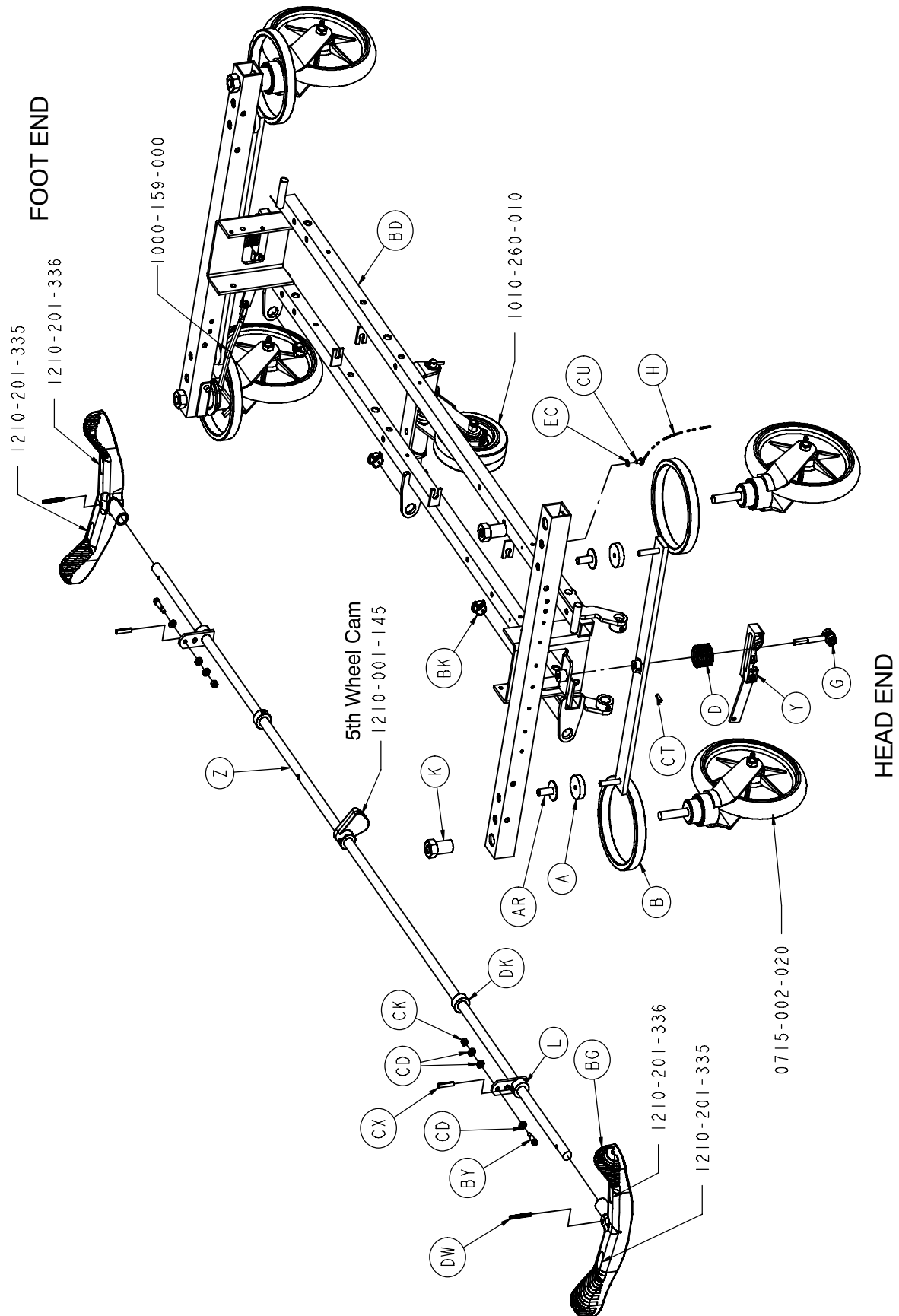
# Constant Descent Non-Electric Lift Base Assembly



Item	Part No.	Part Name	Qty.
A	3-221-0	Hex Washer Head Screw	8
B	4-85-0	Socket Head Cap Screw	3
C	4-126-0	Button Head Cap Screw	2
D	7-35-0	Truss Head Mach Screw	4
E	11-1-0	Washer	4
F	13-10-0	Washer	3
G	16-3-0	Nut	3
H	16-23-0	Nut	2
J	30-27	Strain Grommet	1
K	52-263	Tubular Spacer	4
L	55-18-0	Threaded Insert	4
M	59-75-0	Cable Tie	5
N	59-116-0	PVC Switch Box	1
P	59-118-0	Switch Box Cover	1
R	1210-30-210	3-Sided Control Base Assembly	1
T	1231-70-10	Jack Assembly	2
U	1550-185-25	Cable	1
V	1550-201-101	Bracket	1
W	1550-201-102	Socket Box Cover	1
X	1550-385-010	Wire Harness w/ Socket	1

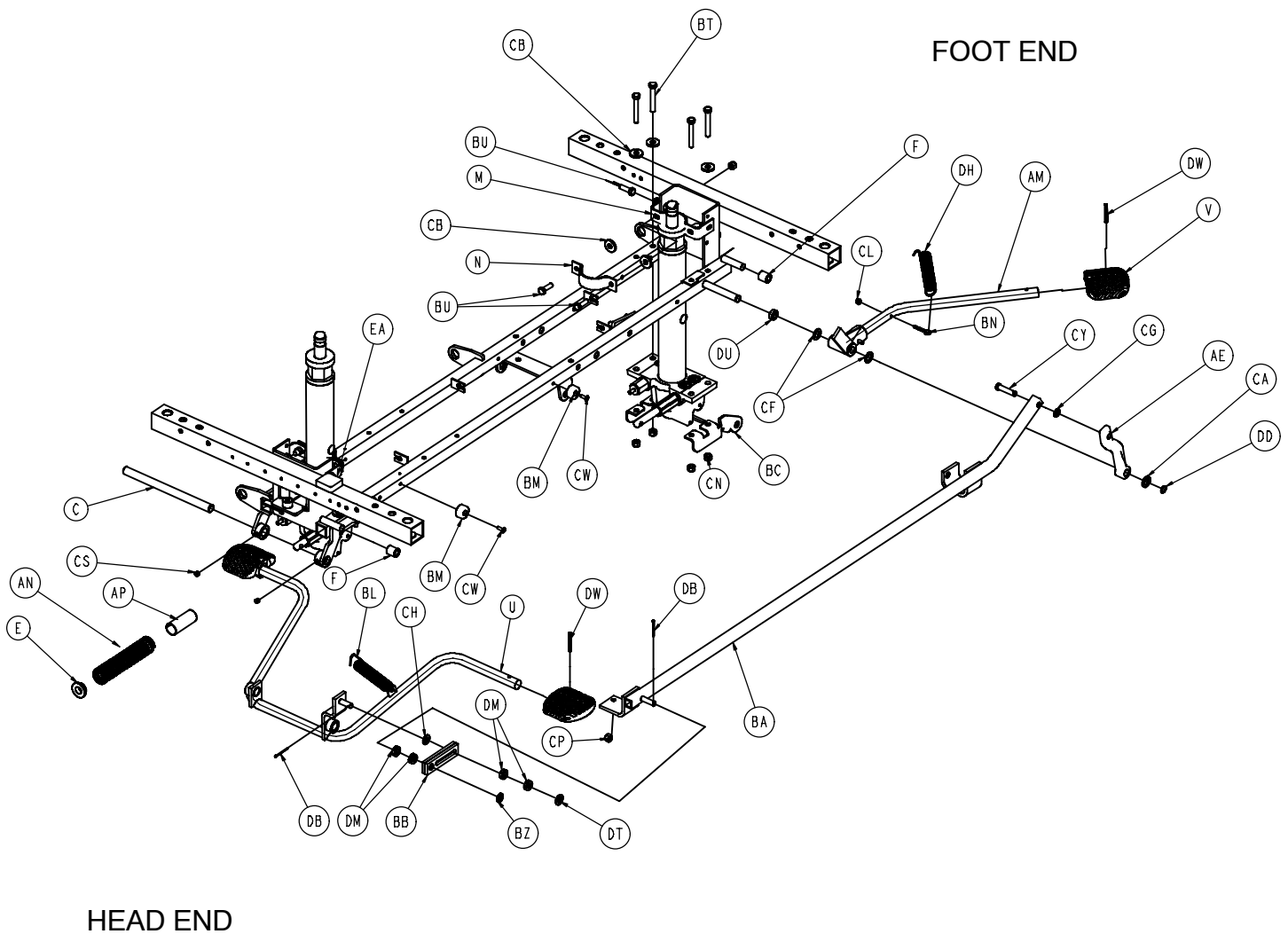
# 3-Sided Control Base Assembly, Non-Electric Lift

Assembly part number 1210-30-210 (reference only)



# 3-Sided Control Base Assembly, Non-Electric Lift

Assembly part number 1210-30-210 (reference only)



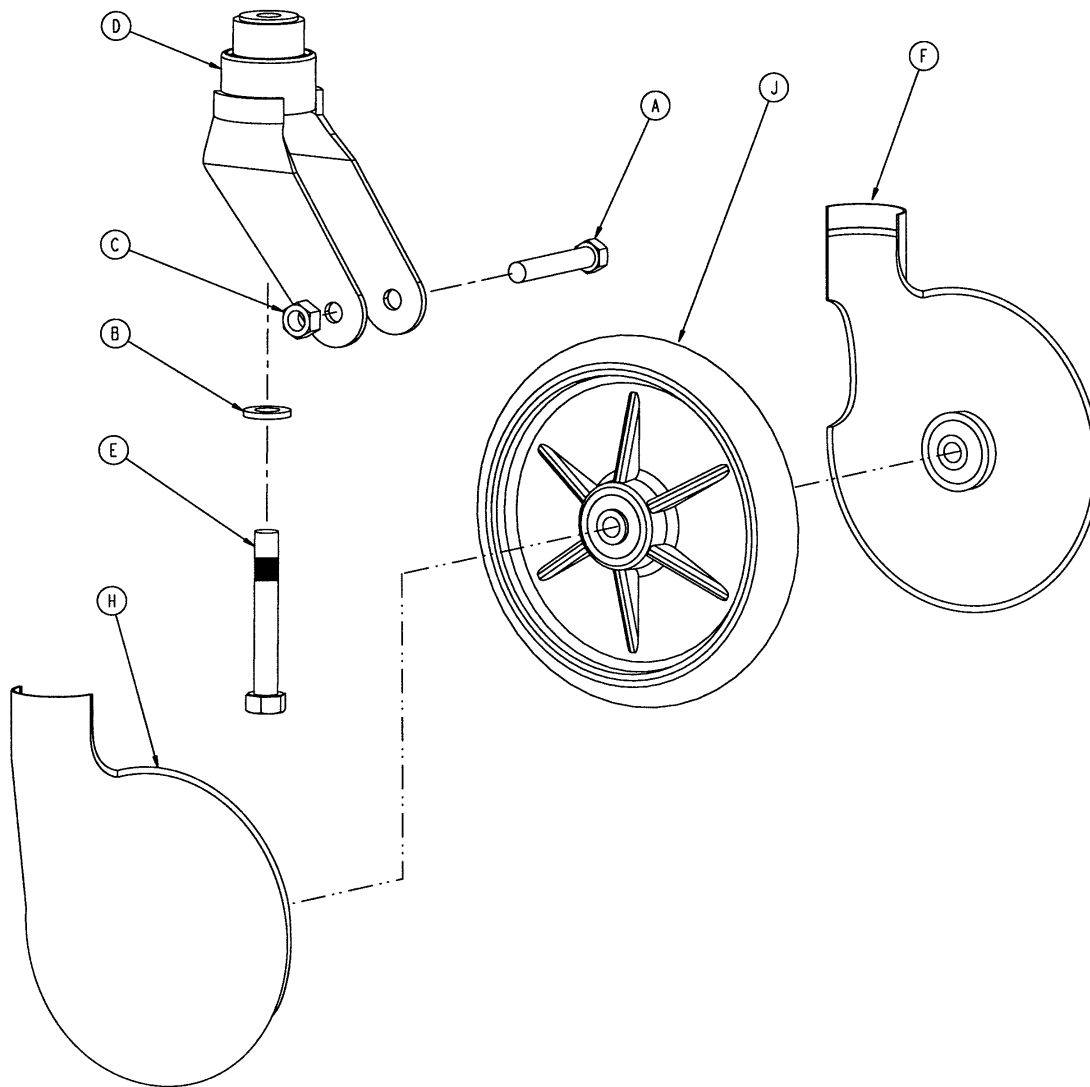
[Return to Table of Contents](#)



# 3-Sided Control Base Assembly, Non-Electric Lift

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	715-1-11	Brake Cushion	4	BR	3-47	Hex Hd. Cap Screw	4
B	715-1-61	Caster Brake Weldment	2	BT	3-62	Hex Hd. Cap Screw	8
C	715-1-92	Pump Pedal Shaft	1	BU	3-85	Hex Hd. Cap Screw	8
D	715-201-94	Compression Spring	2	BX	4-146	Soc. Hd. Cap Screw	2
E	715-1-133	Collar	1	BY	8-17	Shoulder Bolt	2
F	715-1-140	Vinyl Tube	2	BZ	11-3	Washer	9
G	(page 69)	Brake Adjuster Assembly	2	CA	11-13	Washer	1
H	3001-200-52	Ground Chain	1	CB	11-262	Washer	11
K	715-1-158	Caster Nut	4	CC	13-38	Ext. Tooth Lock Washer	4
L	715-1-165	Actuator Plate Wldmt.	2	CD	14-2	Washer	11
M	715-1-192	Jack Support	2	CE	14-3	Washer	2
N	715-1-193	Jack Support Clamp	2	CF	14-7	Washer	7
S	(page 40)	Caster Assembly	4	CG	14-9	Washer	2
U	1061-201-83	Pump Pedal Assembly	1	CH	14-21	Washer	3
V	715-201-126	Slip On Pump Pedal	3	CJ	15-11	Hex Nut	4
Y	(page 70)	Brake Cam Assembly	2	CK	16-2	Hex Nut	2
Z	715-201-230	Brake Bar	1	CL	16-14	Nylock Nut	1
AA	716-1-15	Release Pivot Bar	2	CM	16-28	Hex Nut	4
AB	716-1-52	Pivot Assembly, Foot End	1	CN	16-36	Hex Nut	16
AC	716-1-102	Pump Link Wldmt., Ft. End	1	CP	16-48	Hex Nut	1
AD	716-1-119	Pivot Assembly, Hd. End	1	CR	16-49	Hex Nut	2
AE	716-201-281	Pump Idler Link	1	CS	46-2	Sq. Hd. Set Screw	2
AF	716-1-286	Release Ball Spacer	2	CT	21-151	Set Screw	2
AG	716-201-61	Release Pedal Pivot Rod	1	CU	3-364	Hex Washer Head Screw	1
AH	716-301-70	Long Release Rod	1	CW	25-50	Rivet	2
AK	716-301-72	Medium Release Rod	1	CX	26-13	Spring Pin	2
AL	716-301-74	Release Rod	1	CY	26-195	Clevis Pin	2
AM	(page 71)	Pump Pedal Ass'y, Ft. End	1	DA	27-4	Cotter Pin	7
AN	763-1-15	Jack Spring	1	DB	27-3	Cotter Pin	7
AP	763-1-16	Spring Holder	1	DC	27-16	Cotter Pin	7
AR	946-1-116	Brake Bar Bushing	4	DD	28-97	Ext. Retaining Ring	1
AS	1210-101-112	Rel. Rod, Head End, Lt.	1	DE	29-7	Dual Lock	7
AT	1210-1-115	Pedal Pivot, Lt.	1	DF	29-9	Dual Lock	7
AU	1210-1-114	Pedal Pivot, Rt.	1	DG	38-335	Desc. Pedal Return Spring	2
AX	1210-1-123	Rel. Pedal Trans. Wldmt.	1	DH	38-451	Pump Return Spring	1
AY	1210-1-134	Rel. Pedal Linkage	1	DI	38-326	Extension Spring	2
AZ	1210-1-138	Release Rod Clamp	2	DJ	38-355	Extension Spring	2
BA	1210-201-28	Pump Rod Ass'y Angle	1	DK	42-20	Collar	2
BB	1210-201-104	Slip Link Assembly	1	DL	52-245	Nyliner	4
BC	1210-201-111	End Rel. Pedal Bracket	1	DM	52-284	Spacer	4
BD	1210-201-120	Base Frame Weldment	1	DN	52-302	Flange Bearing	2
BF	1210-201-152	Side Rel. Pedal Wldmt.	2	DP	52-747	Flange Bearing	4
BG	1210-201-153	Butterfly "V" Pedal	2	DT	11-4	Washer	1
BH	1210-201-155	Foot Rel. Pedal, Offset, Lt	2	DU	11-350	Washer	1
BJ	1210-201-201	Pivot Pin Bracket, Foot End	1	DW	26-143	Groove Pin	5
BK	1210-201-251	Insert	3	DX	27-20	Rue Cotter Pin	4
BL	1210-301-252	Spring	1	DY	8815-005-800	Ext. Tooth Lock Washer	2
BM	1210-201-550	Wear Plate	2	DZ	16-102	Fiberlock Nut	2
BN	1210-201-551	Eyebolt	1	EA	715-1-116	O2 Bottle Cushion	1
BP	3-3	Hex Hd. Cap Screw	4	EB	12-12	Lock Washer	2
				EC	13-18	External Tooth Washer	1

# Standard Caster Assembly



Item	Part No.	Part Name	Qty.
A	3-99	Hex Hd. Cap Screw	1
B	11-310	Washer	1
C	16-60	Hex Nut	1
D	715-2-16	Horn Assembly	1
E	715-3-96	Hex Hd. Cap Screw	1
F	715-1-265	Wheel Cover, Right	1
H	715-1-266	Wheel Cover, Left	1
J	715-2-25	Wheel	1
	715-1-158	Caster Nut (not shown)	1

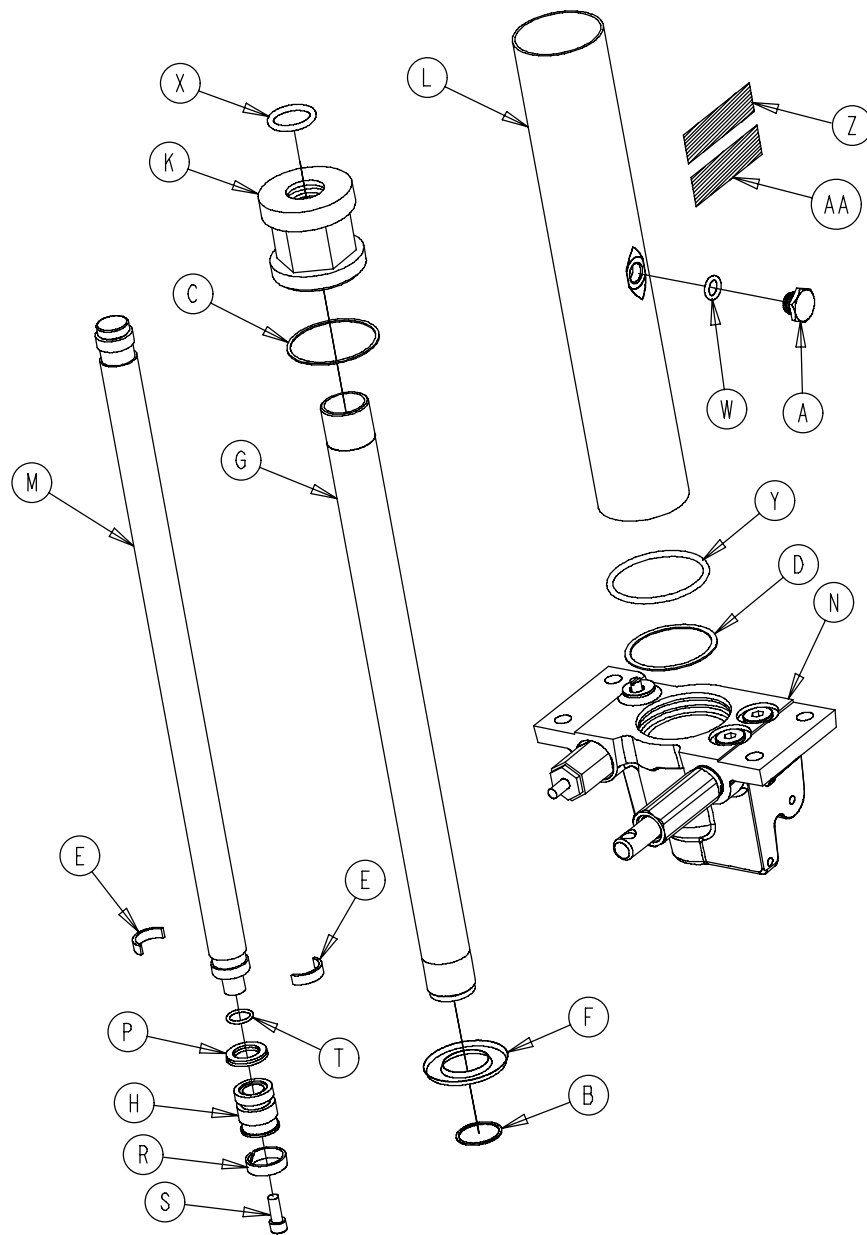
p/n 715-259-400 – Kit to replace 4 standard caster assemblies with hardware – no caster covers.

p/n 715-269-400 – Kit to replace 3 standard caster assemblies and 1 steerlock caster with hardware – no caster covers.

p/n 715-259-100 – Kit to replace 1 standard caster assembly with hardware – no caster covers.

p/n 1010-56-200 – Kit to replace both caster covers on all four wheels.

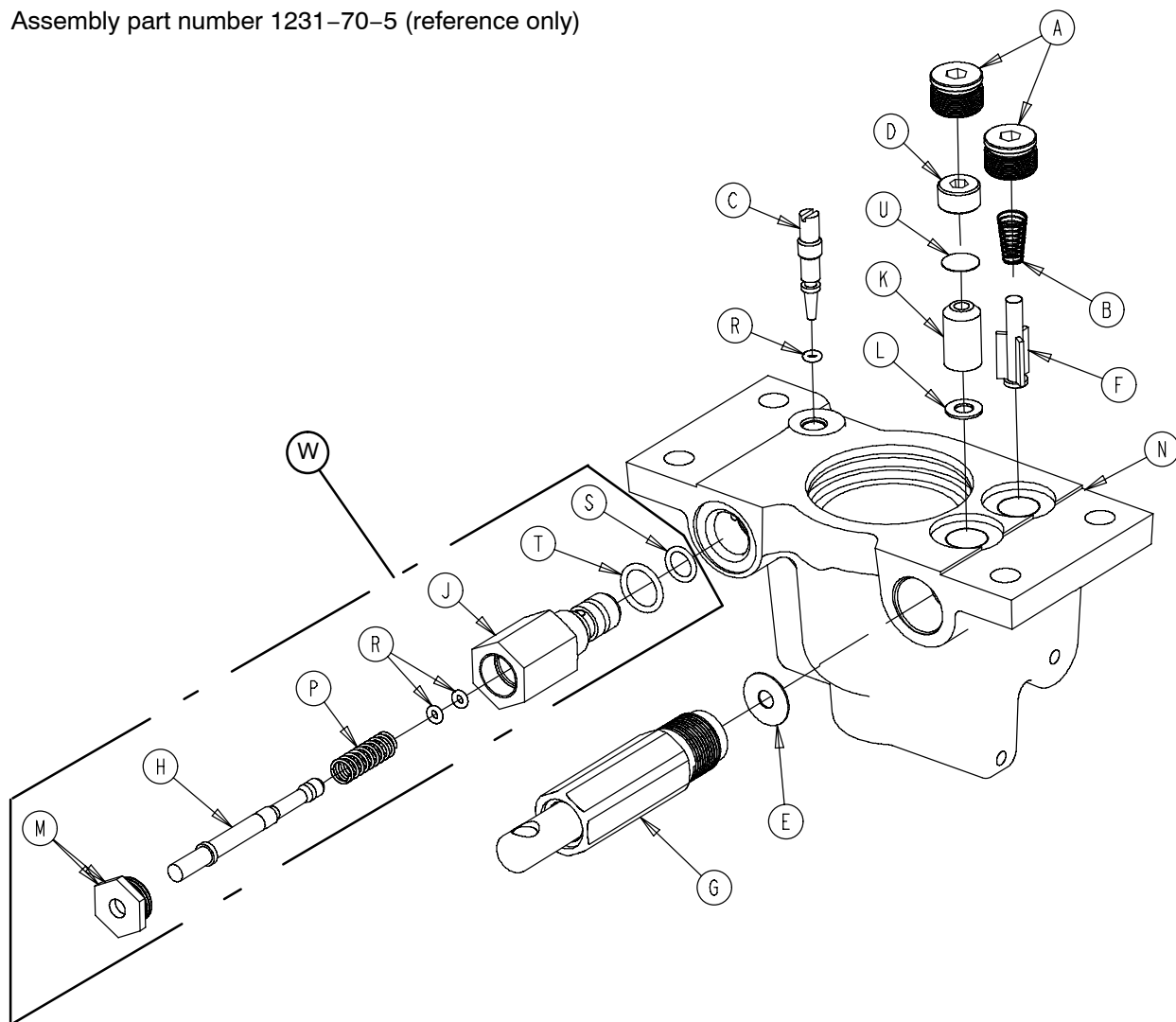
# 1231-70-10 Variable Descent Jack Assembly



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	388-100-38	Plug	1	N	(page 42)	Jack Base Ass'y	1
B	390-1-238	Actuator Gasket	1	P	926-20-161	Parker Packing	1
C	390-1-243	Gasket	1	R	926-20-162	Wear Ring	1
D	390-1-244	Base Gasket	1	S	4-14	Soc. Hd. Cap Screw	1
E	390-2-139	Retaining Ring	2	T	45-14	O-Ring	1
F	715-1-320	Jack Screen	1	W	45-110	O-Ring	1
G	715-1-323	Actuator Cylinder	1	X	45-904	O-Ring	1
H	715-1-331	Piston End	1	Y	45-978	O-Ring	1
K	715-1-340	Jack Cap Assembly	1	Z	1231-70-110	Label	1
L	715-1-422	Reservoir	1	AA	921-1-252	Serial Number Label	1
M	715-1-325	Actuator Rod	1				

# Jack Base Assembly

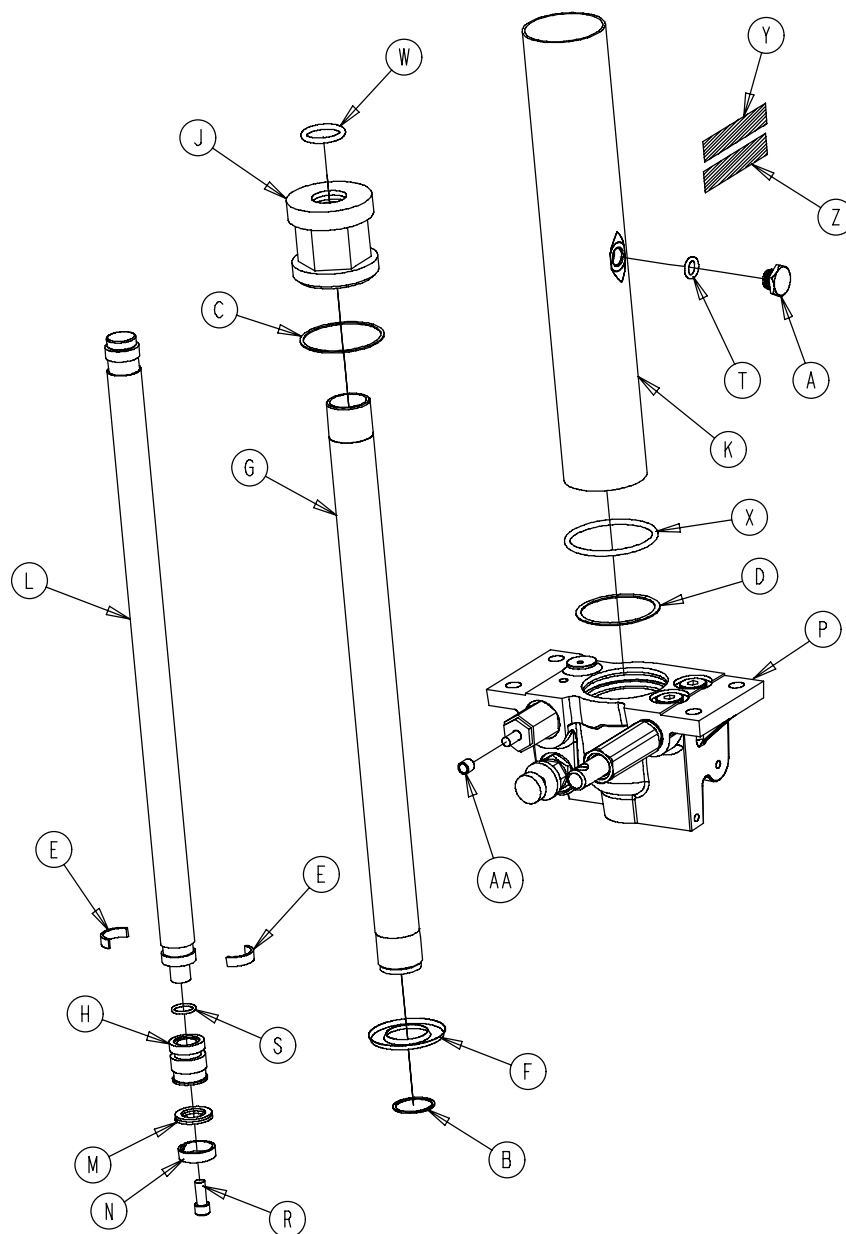
Assembly part number 1231-70-5 (reference only)



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	48-147	Base Plug	2	L	926-20-154	Seal	1
B	390-2-134	Conical Comp. Spring	1	M	1210-170-13	Base Plug	1
C	715-1-307	Needle Valve	1	N	1210-270-12	Jack Base	1
D	715-1-309	Valve Plug	1	P	38-311	Compression Spring	1
E	715-1-329	Pump Seal	1	R	45-6	O-Ring	3
F	715-1-341	Poppet	1	S	45-966	O-Ring	1
G	(page 68)	Pump Piston Assembly	1	T	45-967	O-Ring	1
H	715-270-1	Pin	1	U	715-1-321	Check Valve Screen	1
J	715-270-2	Pin Housing	1	W	715-270-100	Relief Valve Assembly	1
K	926-20-153	Check Valve	1				



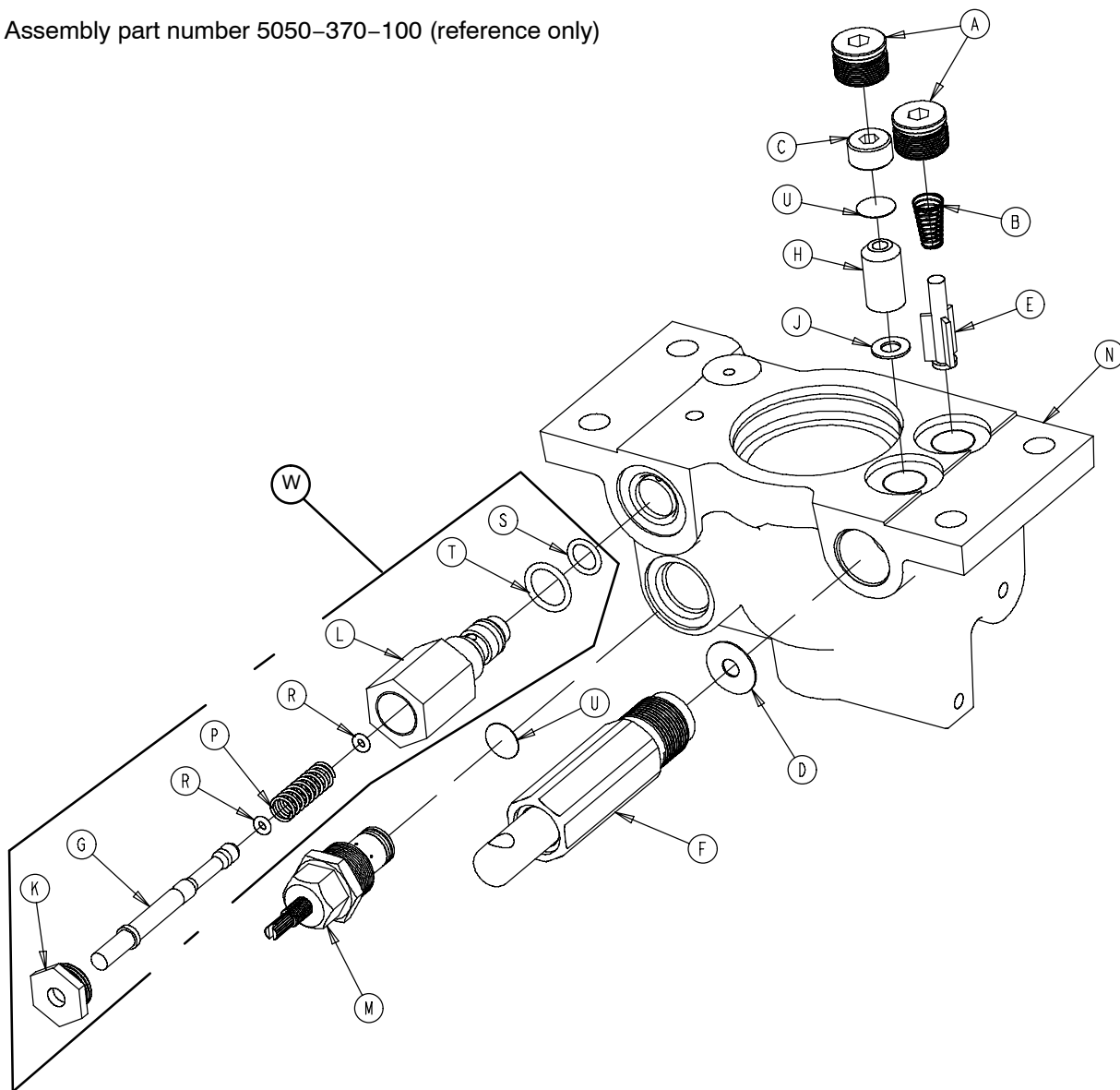
# 1231-70-210 Constant Descent Jack – Non-Electric Lift Base



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	388-100-38	Plug	1	M	926-20-161	Parker Packing	1
B	390-1-238	Actuator Gasket	1	N	926-20-162	Wear Ring	1
C	390-1-243	Gasket	1	P	<a href="#">(page 44)</a>	Jack Base Ass'y	1
D	390-1-244	Base Gasket	1	R	4-14	Soc. Hd. Cap Screw	1
E	390-2-139	Retaining Ring	2	S	45-14	O-Ring	1
F	715-1-320	Jack Screen	1	T	45-110	O-Ring	1
G	715-1-323	Actuator Cylinder	1	W	45-904	O-Ring	1
H	715-1-331	Piston End	1	X	45-978	O-Ring	1
J	715-1-340	Jack Cap Assembly	1	Y	1231-70-211	Label	1
K	715-1-422	Reservoir	1	Z	921-1-252	Serial Number Label	1
L	715-1-325	Actuator Rod	1	AA	715-1-333	Rel. Rod Stop Sleeve	1

# Constant Flow Jack Base Assembly

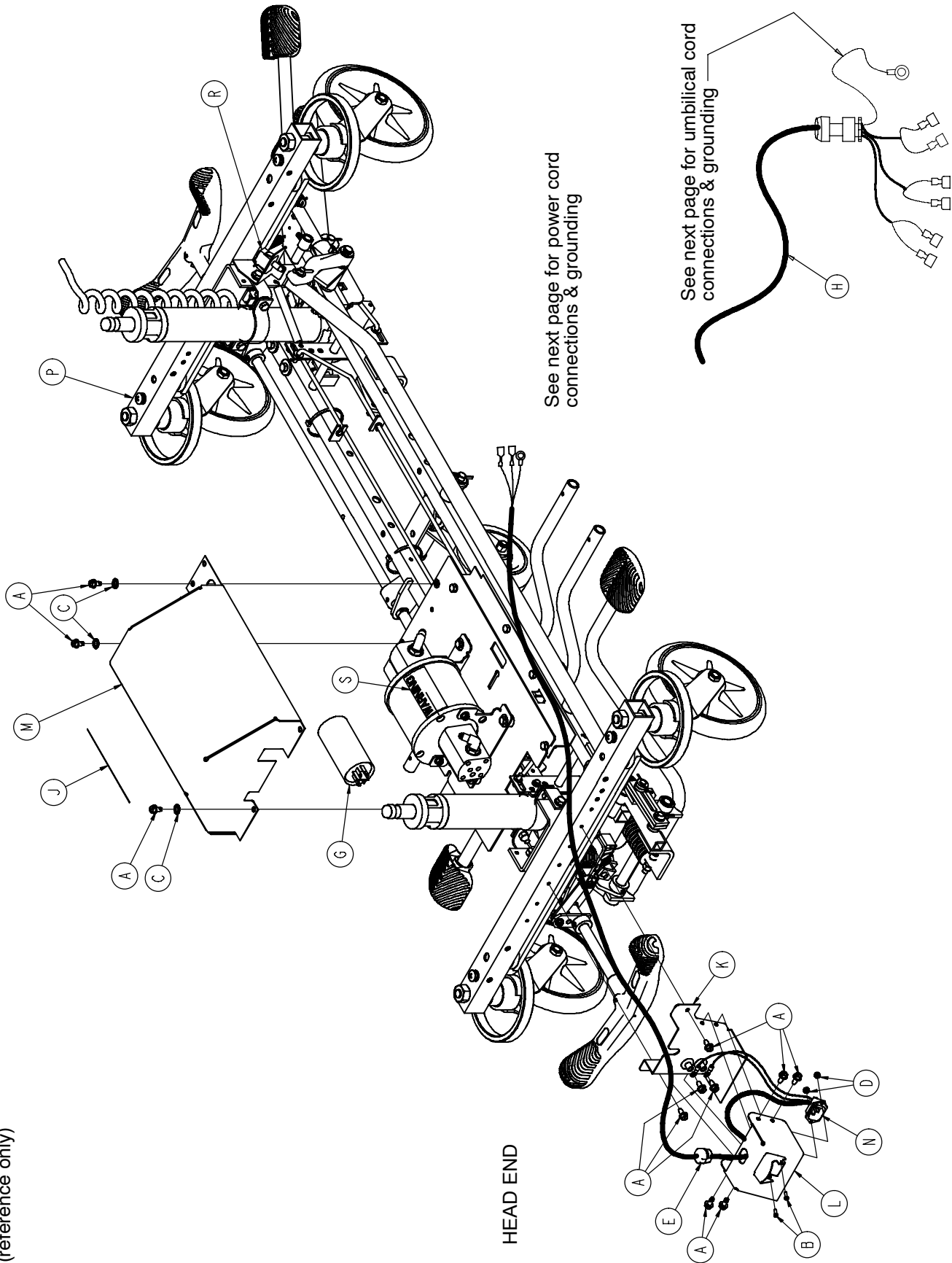
Assembly part number 5050-370-100 (reference only)



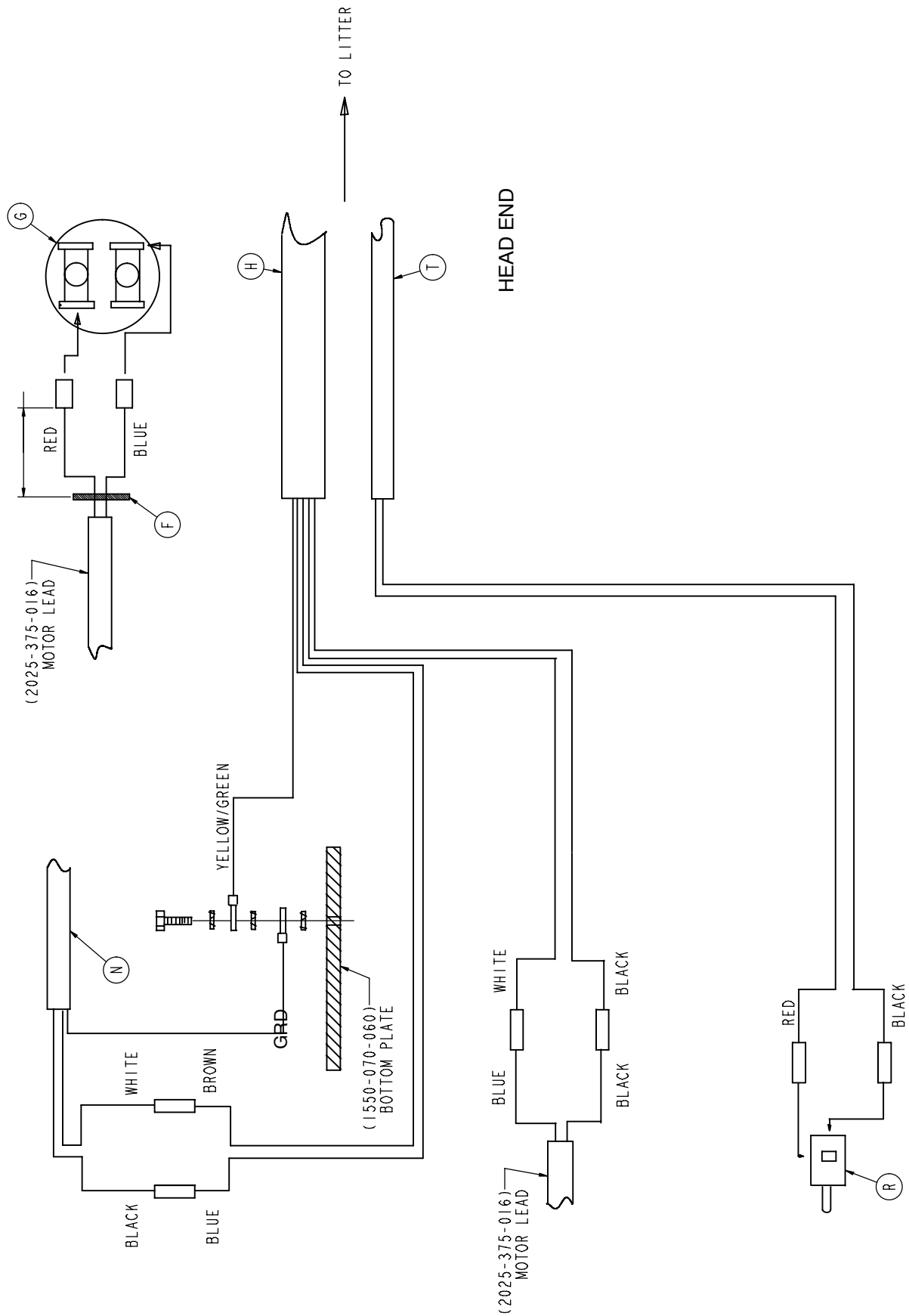
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	48-147	Base Plug	2	L	2025-75-87	Pin Housing	1
B	390-2-134	Conical Comp. Spring	1	M	5050-170-50	Adj. P.C. Valve Cartridge	1
C	715-1-309	Valve Plug	1	N	5050-370-110	Jack Base	1
D	715-1-329	Pump Seal	1	P	38-311	Compression Spring	1
E	715-1-341	Poppet	1	R	45-6	O-Ring	2
F	(page 68)	Pump Piston Assembly	1	S	45-966	O-Ring	1
G	715-270-1	Pin	1	T	45-967	O-Ring	1
H	926-20-153	Check Valve	1	U	715-1-321	Check Valve Screen	1
J	926-20-154	Seal	1	W	2025-700-26	Relief Valve Assembly	1
K	1210-170-13	Base Plug	1				

# Electric Lift Base Assembly

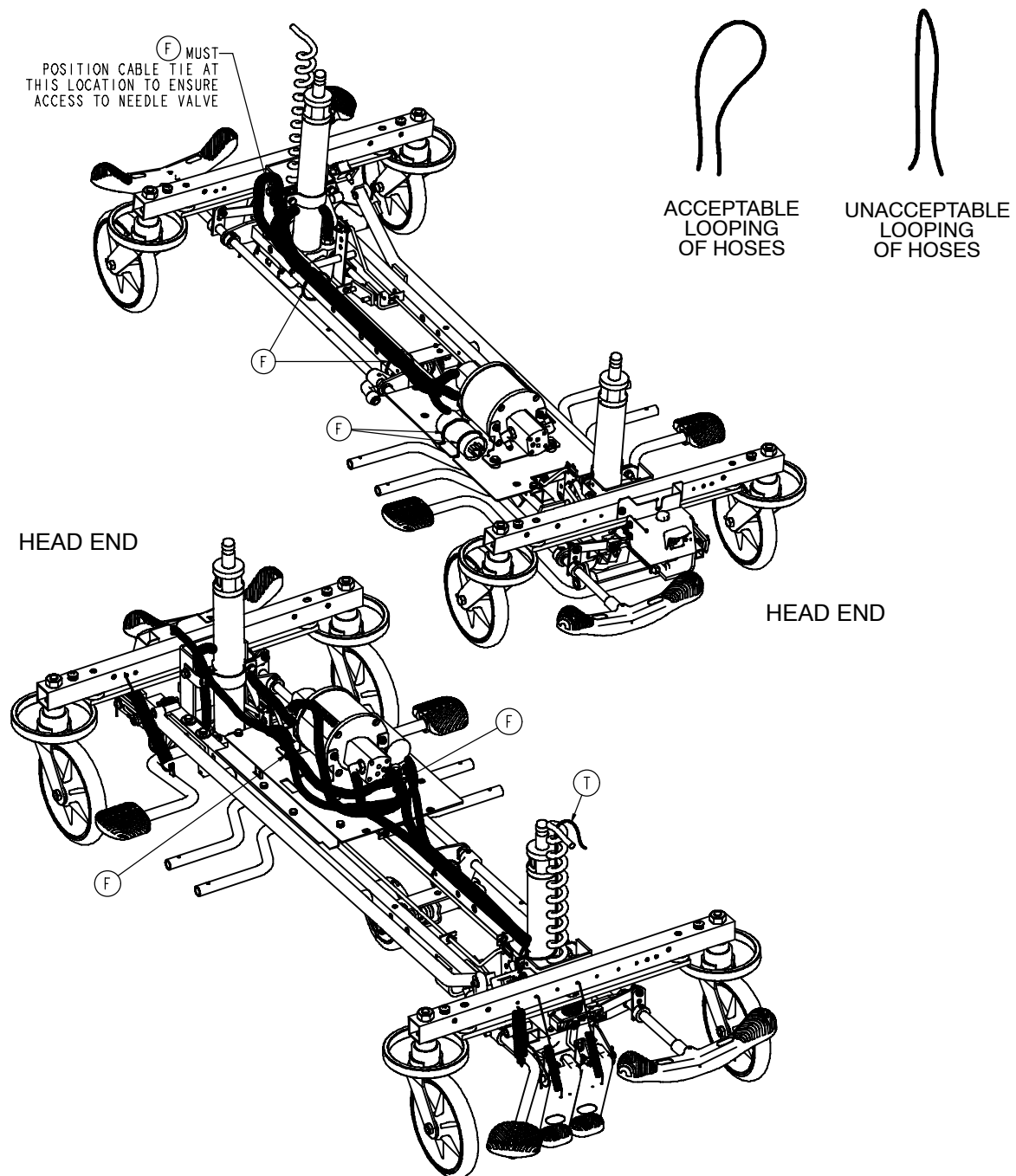
Assembly part number 1550-502  
(reference only)



[Return to Table of Contents](#)



# Electric Lift Base Assembly

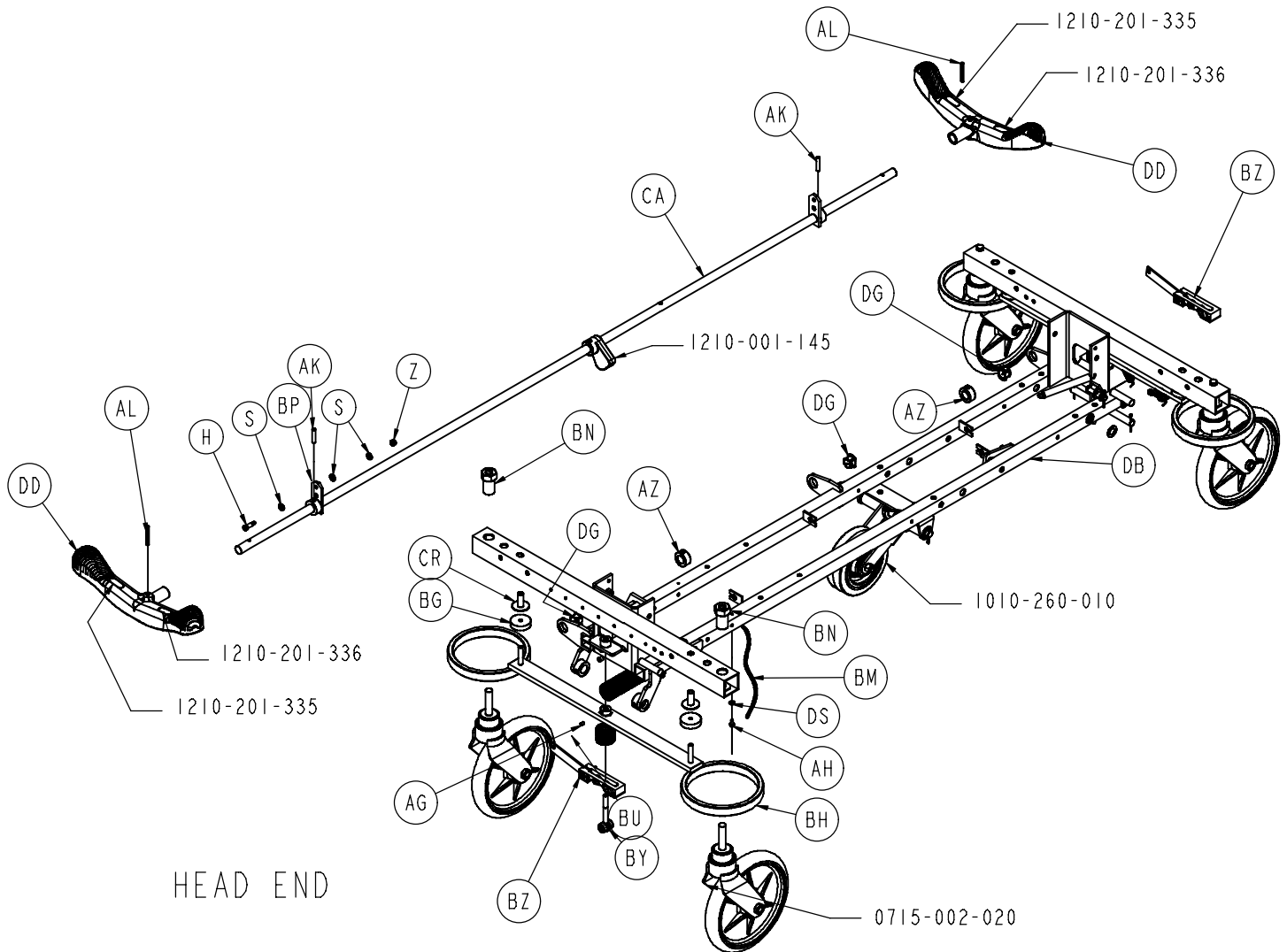


HYDRAULIC HOSE LAYOUT AND CABLE TIE AREAS

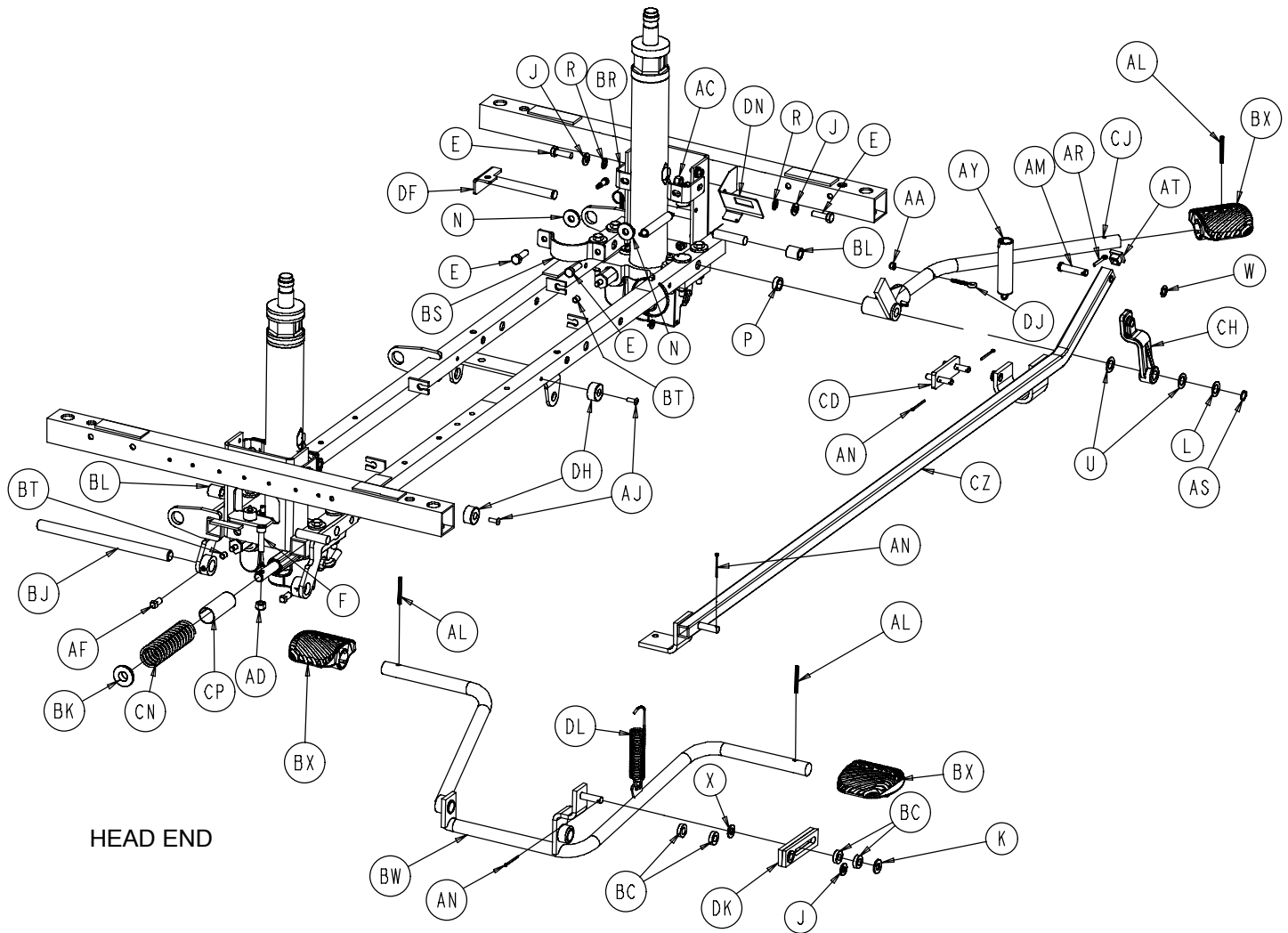
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3-221	Hex Washer Hd. Screw	12	K	1550-201-101	Soc. Box Brkt. w/Weld Nuts	1
B	4-126	Hex Socket Bolt	2	L	1550-201-102	Socket Box Cover	1
C	13-38	External Tooth Lock Washer	6	M	1550-475-89	Pump/Motor Top Cover	1
D	16-23	Hex Nut	2	N	1550-385-10	Wire Harness w/Socket	1
E	30-27	Strain Relief	1	P	(page 48-52)	Base Assembly	1
F	59-75	Cable Tie	7	R	3000-300-58	Lift Switch	1
G	59-140	Capacitor	1	S	3000-300-604	Motor Warning Label	1
H	1550-185-20	Lift Option Umbilical Cord	1	T	1550-85-23	Lift Switch Cable Assembly	1
J	1550-90-13	Electric Shock Label	1				

# Electric Lift Base Assembly

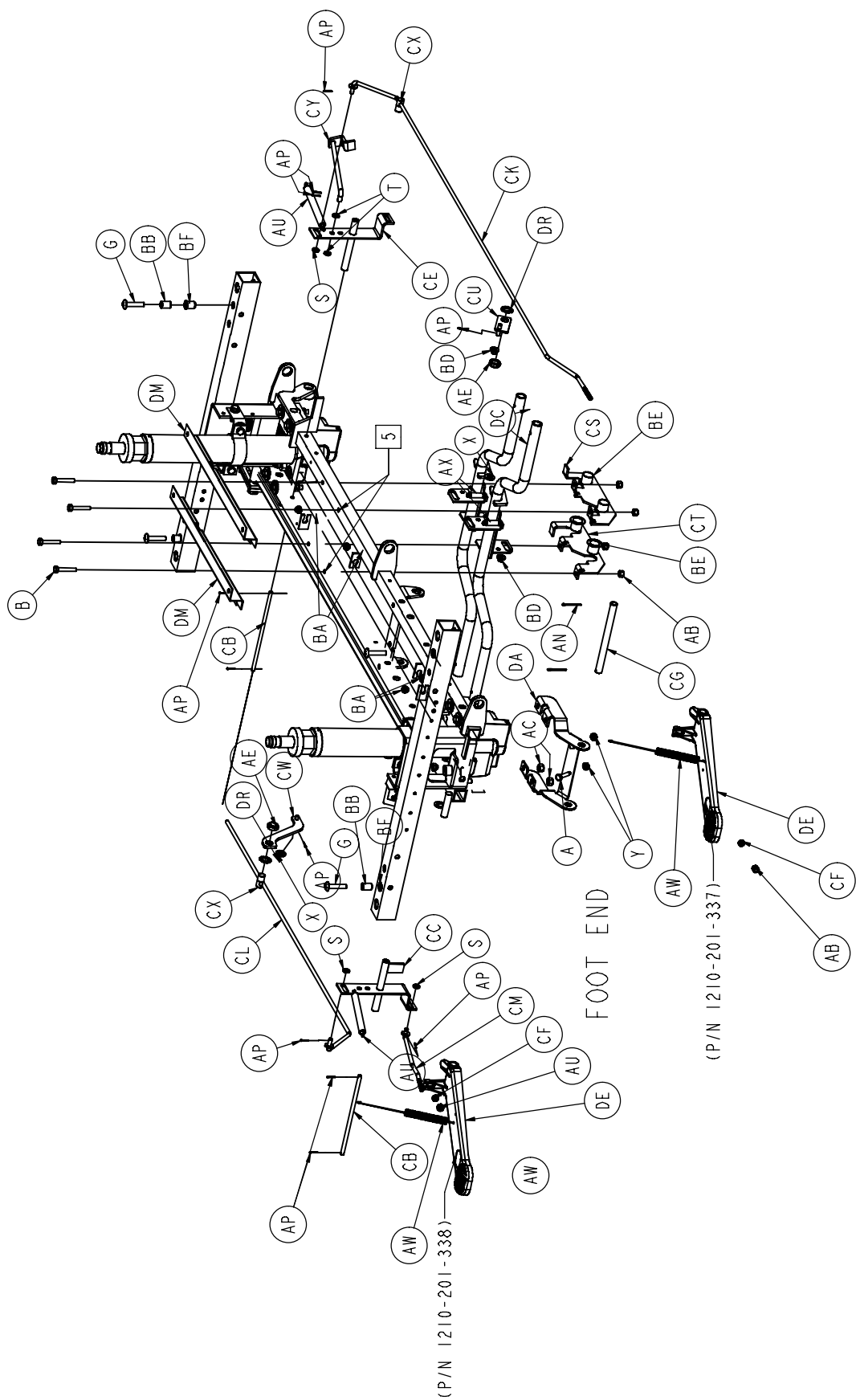
Assembly part number 1550-502-1 (reference only)



# Electric Lift Base Assembly

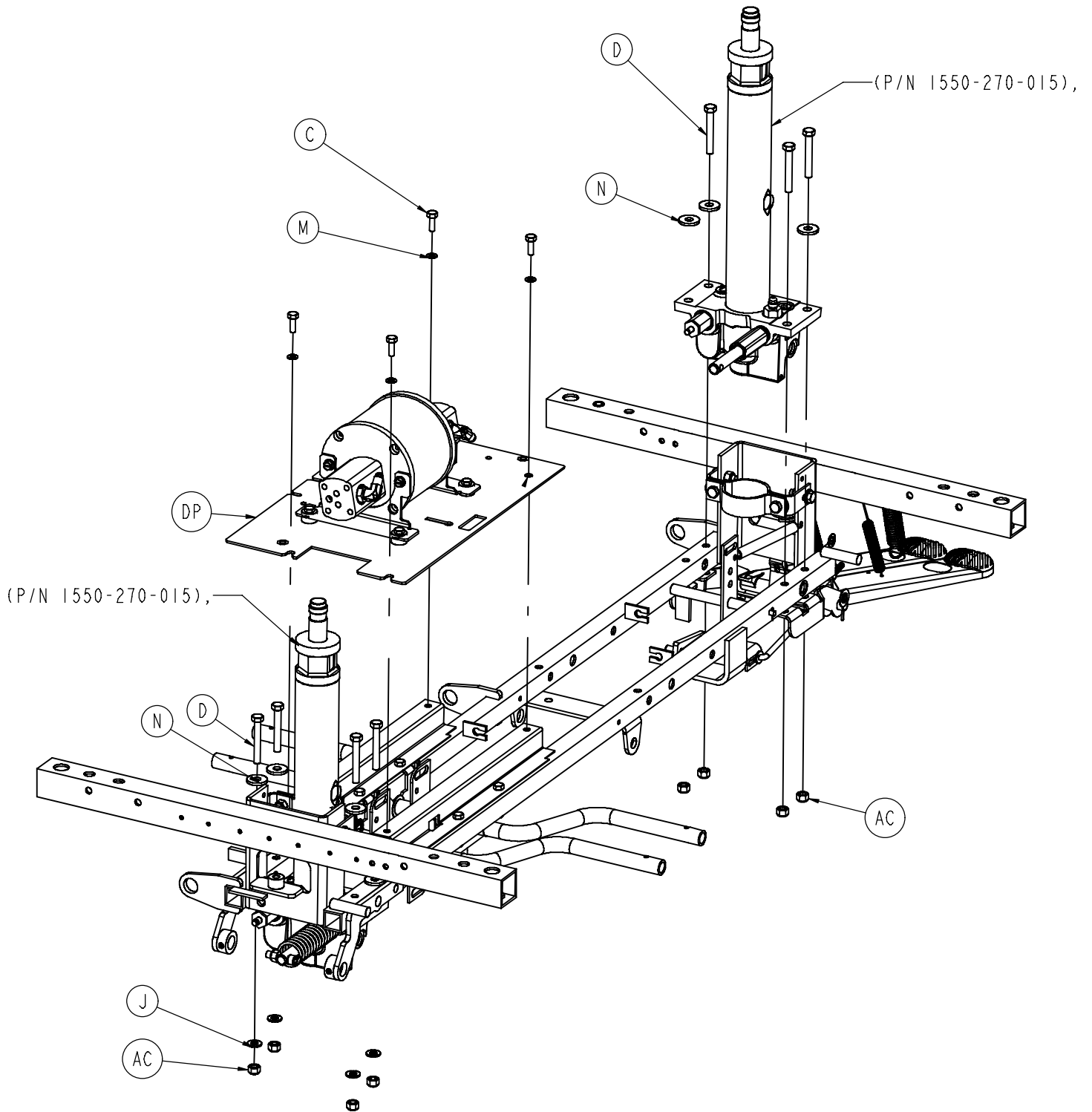


# Electric Lift Base Assembly





# Electric Lift Base Assembly

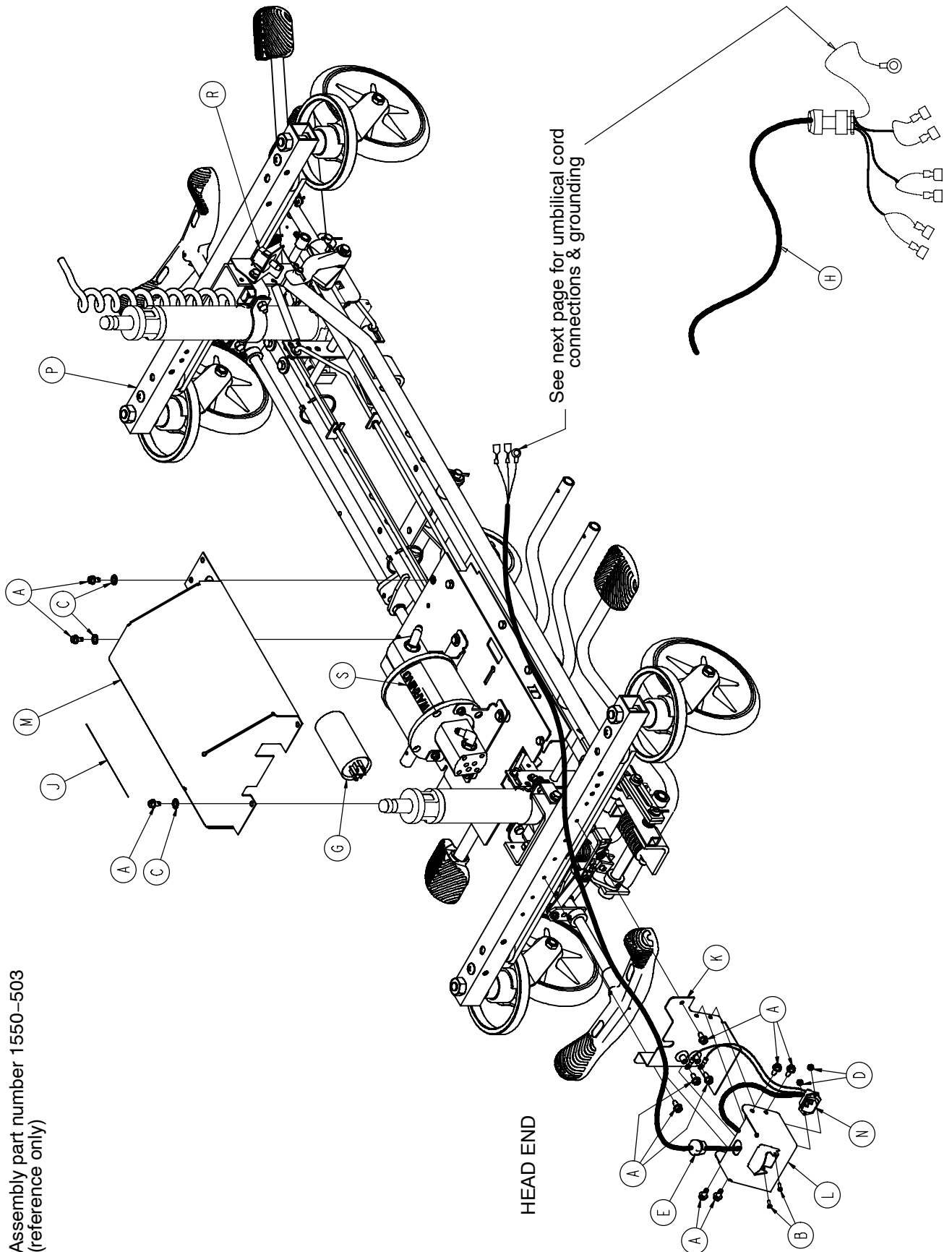


# Electric Lift Base Assembly

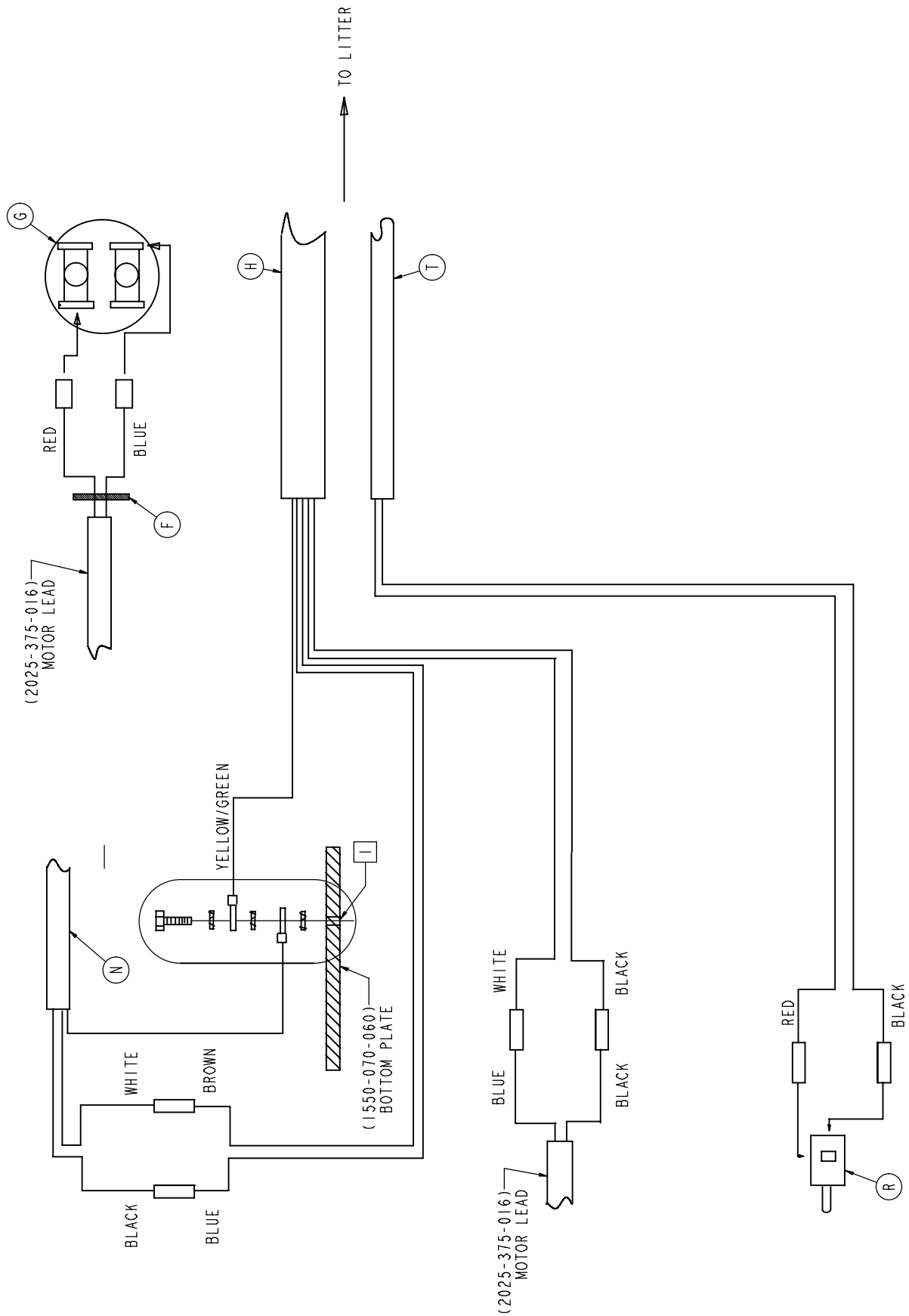
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3-3	Hex Hd. Cap Screw	2	BJ	715-1-92	Pump Pedal Shaft	1
B	3-47	Hex Hd. Cap Screw	4	BK	715-1-133	Collar	1
C	3-50	Hex Hd. Cap Screw	4	BL	715-1-140	Vinyl Tubing	2
D	3-62	Hex Hd. Cap Screw	8	BM	753-10-12	Ground Chain	1
E	3-85	Hex Hd. Cap Screw	8	BN	715-1-158	Caster Nut	4
F	4-146	Soc. Hd. Cap Screw	1	BP	715-1-165	Actuator Plate Weldment	2
G	7-35	Truss Hd. Screw	4	BR	715-1-192	Jack Support	2
H	8-10	Shoulder Bolt	2	BS	715-1-193	Jack Support Clamp	2
J	11-3	Washer	9	BT	715-1-333	Release Rod Stop Sleeve	2
K	11-4	Washer	2	BU	715-201-94	Compression Spring	2
L	11-13	Washer	1	BW	715-201-108	Pump Pedal Assembly	1
M	11-64	Washer	4	BX	715-201-126	Slip On Pump Pedal	3
N	11-262	Washer	11	BY	(page 69)	Brake Adjuster Assembly	2
P	11-350	Washer	1	BZ	(page 70)	Brake Cam Assembly	2
R	13-38	Ext. Tooth Lock Washer	2	CA	715-201-230	Brake Bar	1
S	14-2	Washer	9	CB	716-1-15	Release Pivot Bar	2
T	14-3	Washer	2	CC	716-1-52	Foot End Pivot Assembly	1
U	14-7	Washer	2	CD	716-1-102	Foot End Pump Link	1
W	14-9	Washer	1	CE	716-1-119	Head End Pivot Assembly	1
X	14-21	Washer	3	CF	716-1-286	Release Pedal Cam	2
Y	15-11	Hex Nut	2	CG	716-201-61	Release Pedal Pivot Rod	1
Z	16-2	Hex Nut	2	CH	716-201-281	Pump Idler Link	1
AA	16-14	Nylock Nut	1	CJ	(page 71)	Foot End Pump Pedal	1
AB	16-28	Hex Nut	6	CK	716-301-70	Long Release Rod	1
AC	16-36	Hex Nut	16	CL	716-301-72	Medium Release Rod	1
AD	16-48	Hex Nut	1	CM	716-301-74	Release Rod	1
AE	16-49	Hex Nut	2	CN	763-1-15	Jack Spring	1
AF	21-22	Set Screw	2	CP	763-1-16	Spring Holder	1
AG	21-50	Set Screw	2	CR	946-1-116	Brake Bar Bushing	4
AH	3-364	Hex Washer Head Screw	1	CS	1210-1-114	Pedal Pivot, Right	1
AJ	25-50	Rivet	2	CT	1210-1-115	Pedal Pivot, Left	1
AK	26-13	Spring Pin	2	CU	1210-1-123	Rel. Pedal Transition Wldmt.	1
AL	26-143	Groove Pin	5	CW	1210-1-134	Rel. Pedal Linkage Wldmt.	1
AM	26-195	Clevis Pin	1	CX	1210-1-138	Release Rod Clamp	2
AN	27-3	Cotter Pin	6	CY	1210-101-112	Rel. Rod Wldmt., Head, Lt.	1
AP	27-4	Cotter Pin	11	CZ	1210-201-28	Pump Conn. Rod Ass'y	1
AR	27-16	Cotter Pin	1	DA	1210-201-111	End Release Pedal Brkt.	1
AS	28-97	External Retaining Ring	1	DB	1210-201-120	Base Frame Weldment	1
AT	37-75	Square Hole Plug	1	DC	1210-201-152	Side Rel. Pedal Wldmt.	2
AU	38-326	Extension Spring	2	DD	1210-201-153	Butterfly "V" Pedal	2
AW	38-335	Desc. Pedal Return Spring	2	DE	1210-201-155	Offset Rel. Pedal, Foot, Lt.	2
AX	38-355	Extension Spring	2	DF	1210-201-201	Pivot Pin Bracket, Ft. End	1
AY	38-451	Pump Return Spring	1	DG	1210-201-251	Insert	3
AZ	42-20	Collar	2	DH	1210-201-550	Wear Plate	2
BA	52-245	Bearing	4	DJ	1210-201-551	Eyebolt	1
BB	52-263	Tubular Spacer	4	DK	1210-301-104	Slip Link Assembly	1
BC	52-284	Spacer	4	DL	1210-301-252	Spring	1
BD	52-302	Flange Bearing	2	DM	1550-70-65	Motor Support w/Weldnuts	2
BE	52-747	Flange Bearing	4	DN	1550-201-60	Switch Bracket	1
BF	55-18	Threaded Insert	4	DP	(page 62)	Jack/Pump Motor	1
BG	715-1-11	Brake Cushion	4	DR	8815-005-800	Tooth Lock Washer	2
BH	715-1-61	Caster Brake Weldment	2	DS	13-18	External Tooth Washer	1

# Constant Descent Electric Lift Base Assembly

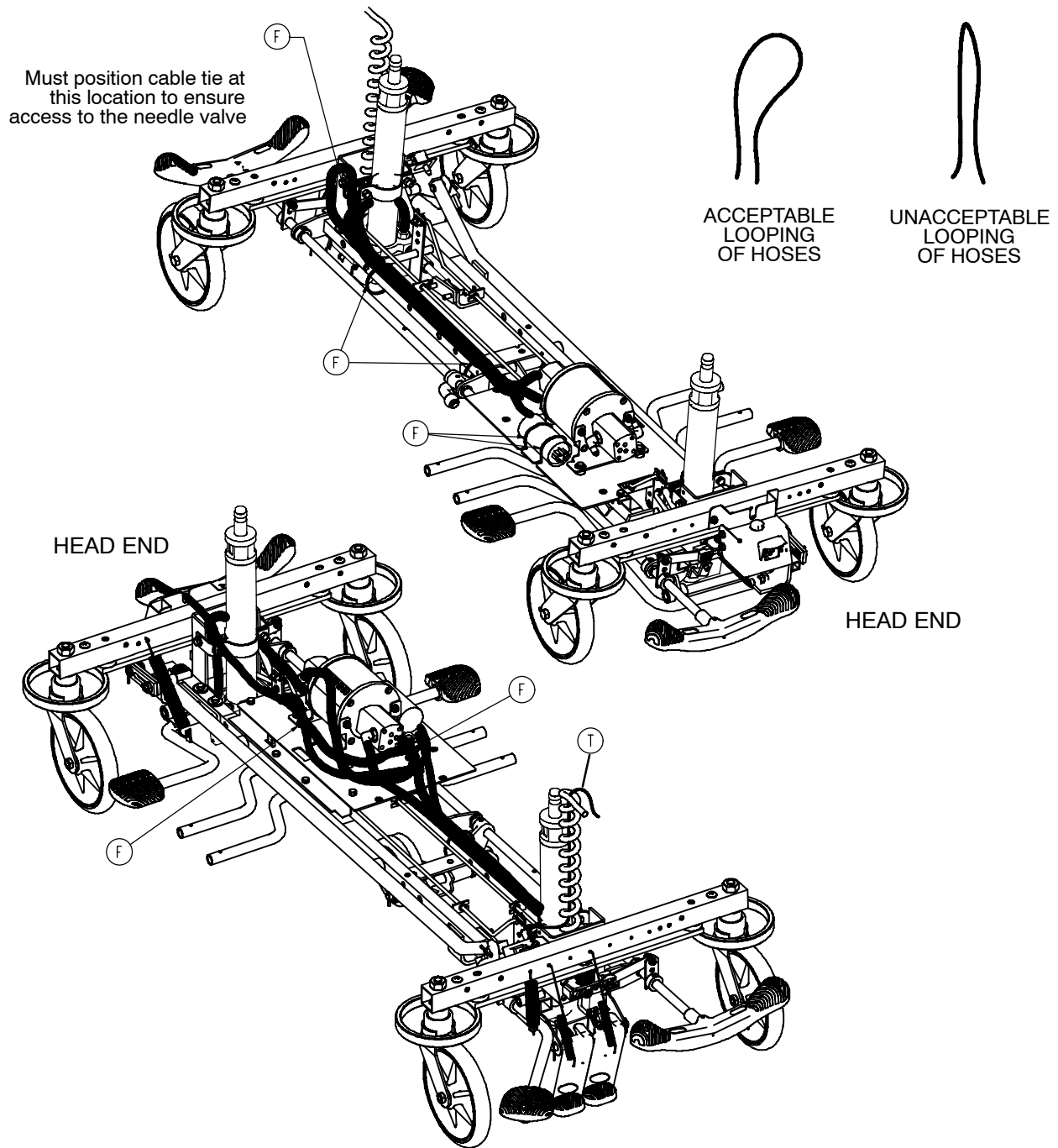
Assembly part number 1550-503  
(reference only)



# Constant Descent Electric Lift Base Assembly



# Constant Descent Electric Lift Base Assembly



HYDRAULIC HOSE LAYOUT AND CABLE TIE AREAS

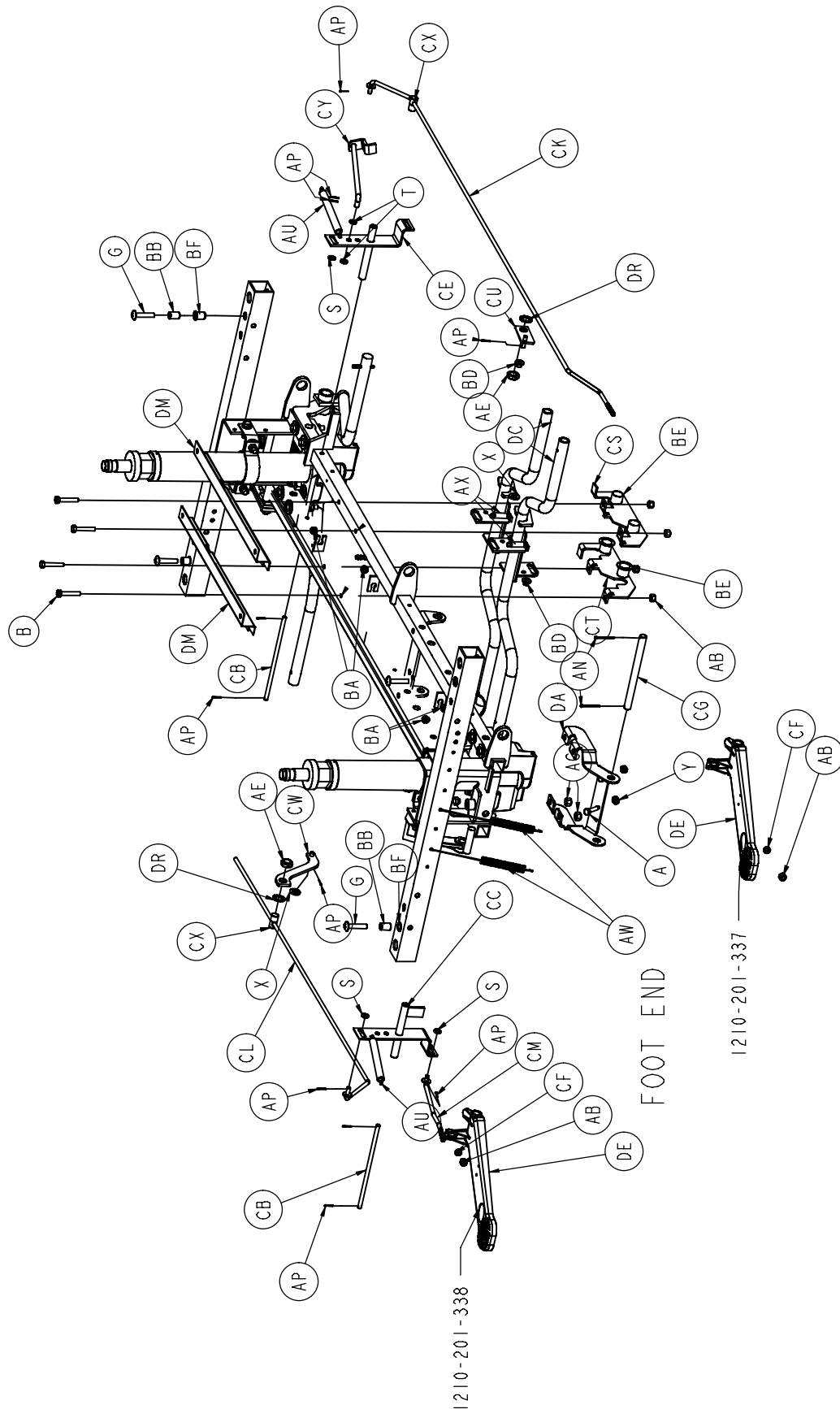
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3-221	Hex Washer Hd. Screw	12	K	1550-201-101	Soc. Box Brkt. w/Weld Nuts	1
B	4-126	Hex Socket Bolt	2	L	1550-201-102	Socket Box Cover	1
C	13-38	External Tooth Lock Washer	6	M	1550-475-89	Pump/Motor Top Cover	1
D	16-23	Hex Nut	2	N	1550-385-10	Wire Harness w/Socket	1
E	30-27	Strain Relief	1	P	(page 56)	Base Assembly	1
F	59-75	Cable Tie	7	R	3000-300-58	Lift Switch	1
G	59-140	Capacitor	1	S	3000-300-604	Motor Warning Label	1
H	1550-185-20	Lift Option Umbilical Cord	1	T	1550-85-23	Lift Switch Cable Assembly	1
J	1550-90-13	Electric Shock Label	1				



[Return to Table of Contents](#)

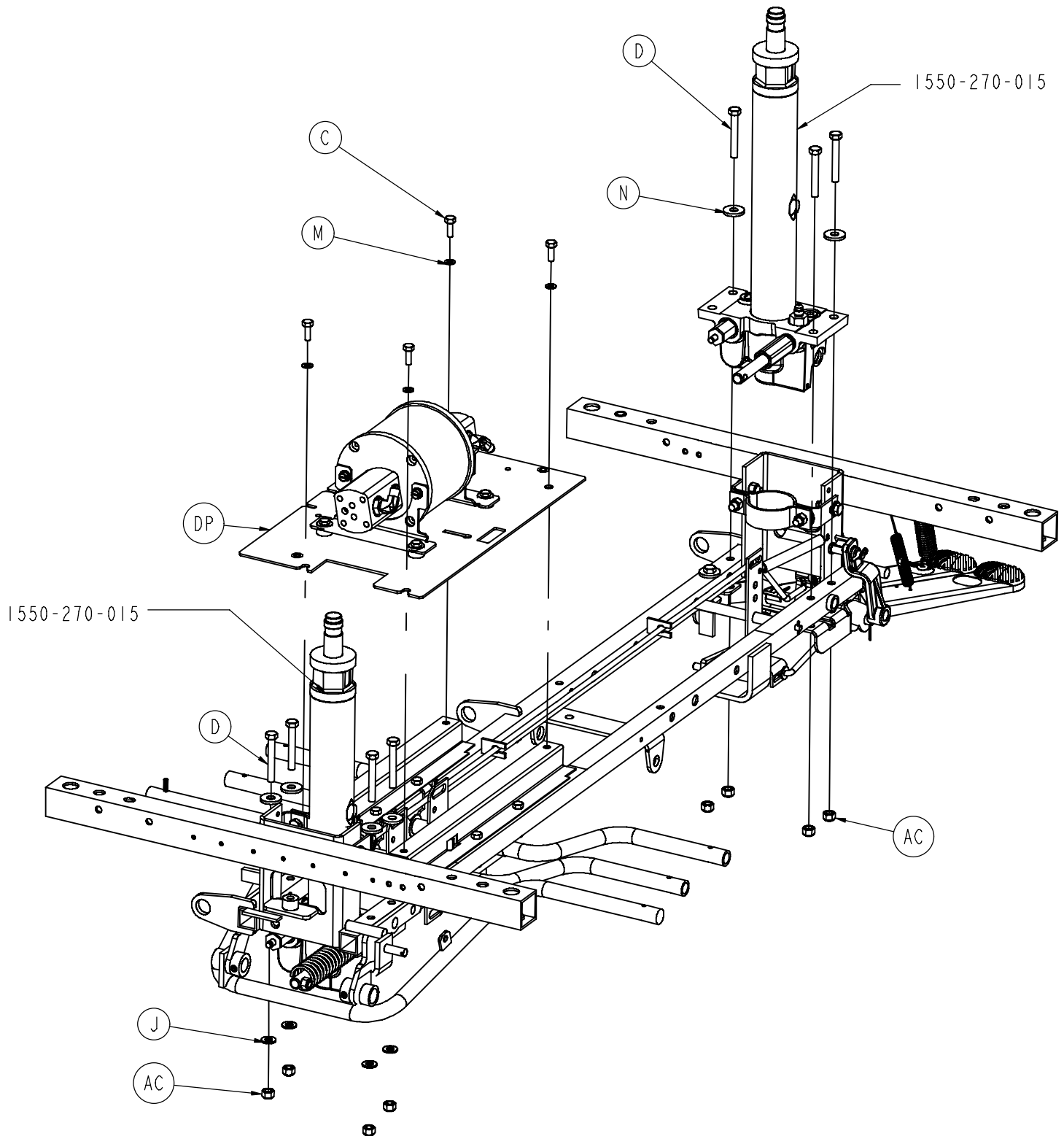


# Constant Descent Electric Lift Base Assembly





# Constant Descent Electric Lift Base Assembly

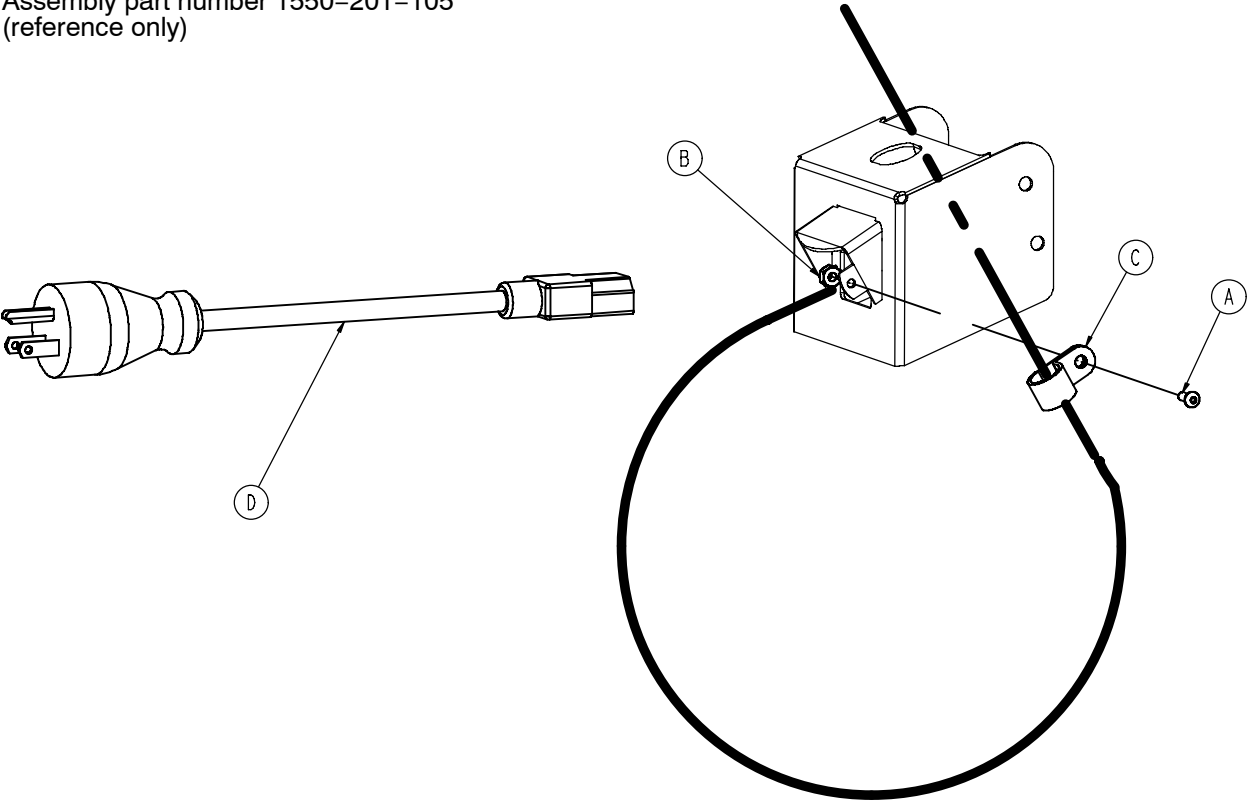


# Constant Descent Electric Lift Base Assembly

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3-3	Hex Hd. Cap Screw	2	BJ	715-1-92	Pump Pedal Shaft	1
B	3-47	Hex Hd. Cap Screw	4	BK	715-1-133	Collar	1
C	3-50	Hex Hd. Cap Screw	4	BL	715-1-140	Vinyl Tubing	2
D	3-62	Hex Hd. Cap Screw	8	BM	3001-200-52	Ground Chain	1
E	3-85	Hex Hd. Cap Screw	8	BN	715-1-158	Caster Nut	4
F	4-146	Soc. Hd. Cap Screw	1	BP	715-1-165	Actuator Plate Weldment	2
G	7-35	Truss Hd. Screw	4	BR	715-1-192	Jack Support	2
H	8-10	Shoulder Bolt	2	BS	715-1-193	Jack Support Clamp	2
J	11-3	Washer	9	BT	715-1-333	Release Rod Stop Sleeve	2
K	11-4	Washer	2	BU	715-201-94	Compression Spring	2
L	11-13	Washer	1	BW	715-201-108	Pump Pedal Assembly	1
M	11-64	Washer	4	BX	715-201-126	Slip On Pump Pedal	3
N	11-262	Washer	11	BY	(page 69)	Brake Adjuster Assembly	2
P	11-350	Washer	1	BZ	(page 70)	Brake Cam Assembly	2
R	13-38	Ext. Tooth Lock Washer	2	CA	715-201-230	Brake Bar	1
S	14-2	Washer	9	CB	716-1-15	Release Pivot Bar	2
T	14-3	Washer	2	CC	716-1-52	Foot End Pivot Assembly	1
U	14-7	Washer	2	CD	716-1-102	Foot End Pump Link	1
W	14-9	Washer	1	CE	716-1-119	Head End Pivot Assembly	1
X	14-21	Washer	3	CF	716-1-286	Release Pedal Cam	2
Y	15-11	Hex Nut	2	CG	716-201-61	Release Pedal Pivot Rod	1
Z	16-2	Hex Nut	2	CH	716-201-281	Pump Idler Link	1
AA	16-14	Nylock Nut	1	CJ	(page 71)	Foot End Pump Pedal	1
AB	16-28	Hex Nut	6	CK	716-301-70	Long Release Rod	1
AC	16-36	Hex Nut	16	CL	716-301-72	Medium Release Rod	1
AD	16-48	Hex Nut	1	CM	716-301-74	Release Rod	1
AE	16-49	Hex Nut	2	CN	763-1-15	Jack Spring	1
AF	21-22	Set Screw	2	CP	763-1-16	Spring Holder	1
AG	21-50	Set Screw	2	CR	946-1-116	Brake Bar Bushing	4
AH	3-364	Hex Washer Head Screw	1	CS	1210-1-114	Pedal Pivot, Right	1
AJ	25-50	Rivet	2	CT	1210-1-115	Pedal Pivot, Left	1
AK	26-13	Spring Pin	2	CU	1210-1-123	Rel. Pedal Transition Wldmt.	1
AL	26-143	Groove Pin	5	CW	1210-1-134	Rel. Pedal Linkage Wldmt.	1
AM	26-195	Clevis Pin	1	CX	1210-1-138	Release Rod Clamp	2
AN	27-3	Cotter Pin	6	CY	1210-101-112	Rel. Rod Wldmt., Head, Lt.	1
AP	27-4	Cotter Pin	11	CZ	1210-201-28	Pump Conn. Rod Ass'y	1
AR	27-16	Cotter Pin	1	DA	1210-201-111	End Release Pedal Brkt.	1
AS	28-97	External Retaining Ring	1	DB	1210-201-120	Base Frame Weldment	1
AT	37-75	Square Hole Plug	1	DC	1210-201-152	Side Rel. Pedal Wldmt.	2
AU	38-326	Extension Spring	2	DD	1210-201-153	Butterfly "V" Pedal	2
AW	38-335	Desc. Pedal Return Spring	2	DE	1210-201-155	Offset Rel. Pedal, Foot, Lt.	2
AX	38-355	Extension Spring	2	DF	1210-201-201	Pivot Pin Bracket, Ft. End	1
AY	38-451	Pump Return Spring	1	DG	1210-201-251	Insert	3
AZ	42-20	Collar	2	DH	1210-201-550	Wear Plate	2
BA	52-245	Bearing	4	DJ	1210-201-551	Eyebolt	1
BB	52-263	Tubular Spacer	4	DK	1210-301-104	Slip Link Assembly	1
BC	52-284	Spacer	4	DL	1210-301-252	Spring	1
BD	52-302	Flange Bearing	2	DM	1550-70-65	Motor Support w/Weldnuts	2
BE	52-747	Flange Bearing	4	DN	1550-201-60	Switch Bracket	1
BF	55-18	Threaded Insert	4	DP	(page 62)	Jack/Pump Motor	1
BG	715-1-11	Brake Cushion	4	DR	8815-005-800	Tooth Lock Washer	2
BH	715-1-61	Caster Brake Weldment	2	DS	13-18	External Tooth Lock Washer	1

# Power Cord Assembly

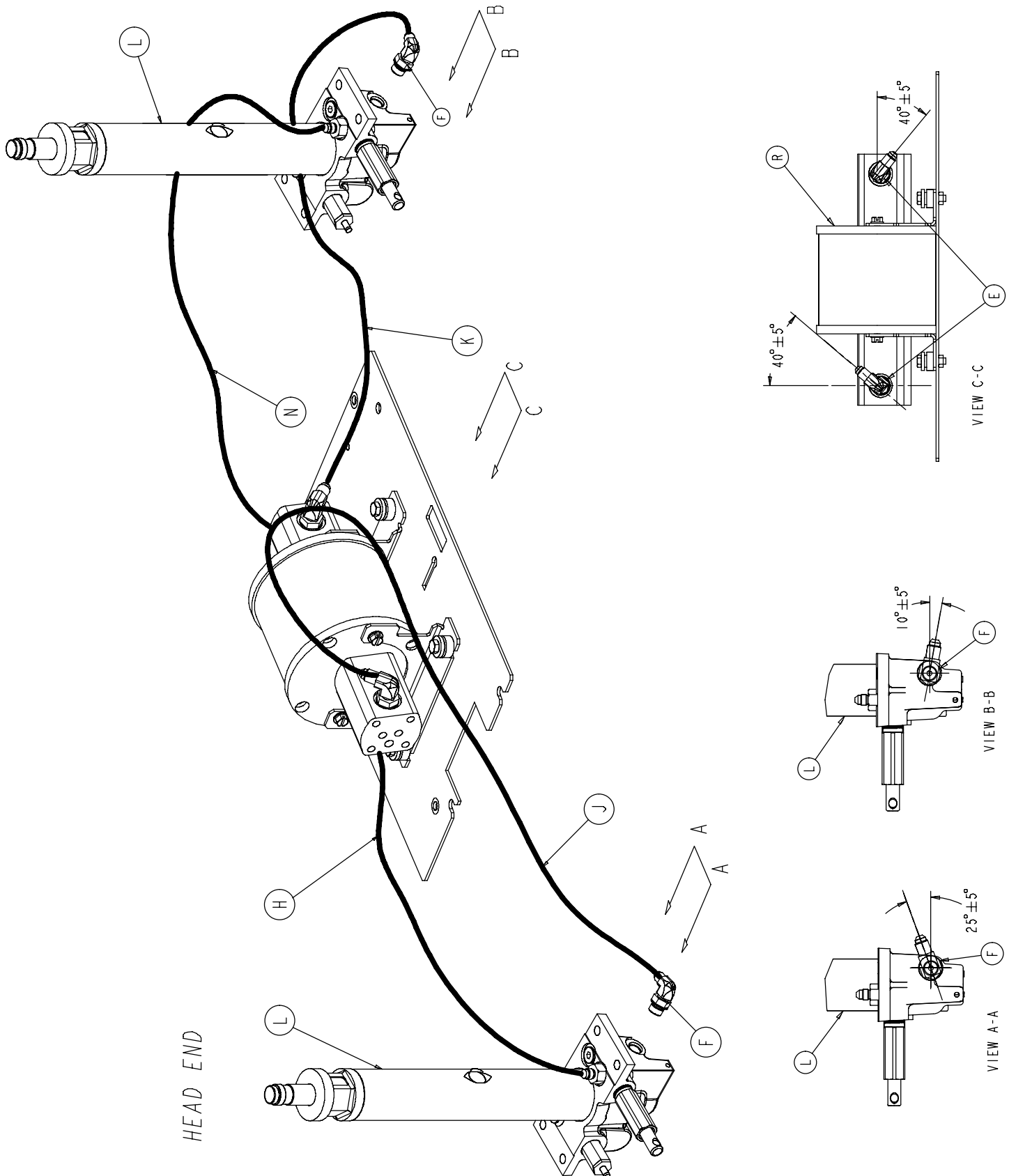
Assembly part number 1550-201-105  
(reference only)



Item	Part No.	Part Name	Qty.
A	4-167	But. Hd. Cap Screw	1
B	16-23	Nylock Nut	1
C	34-21	P-Clamp	1
D	39-254	Power Cord	1

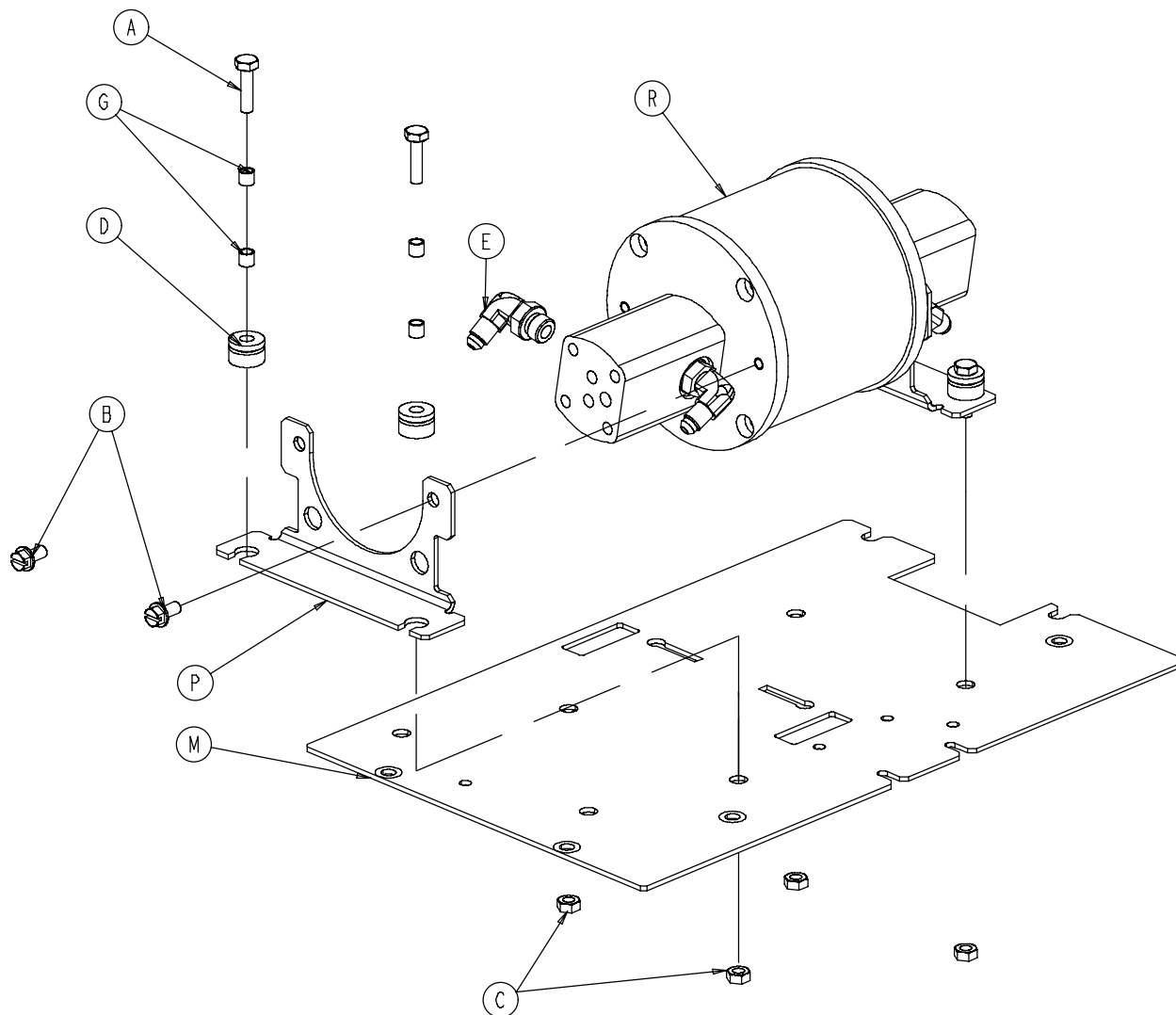
# 1550-470-6 Jack/Pump Motor Assembly

## 1550-470-7 Constant Flow Jack/Pump Motor Assembly



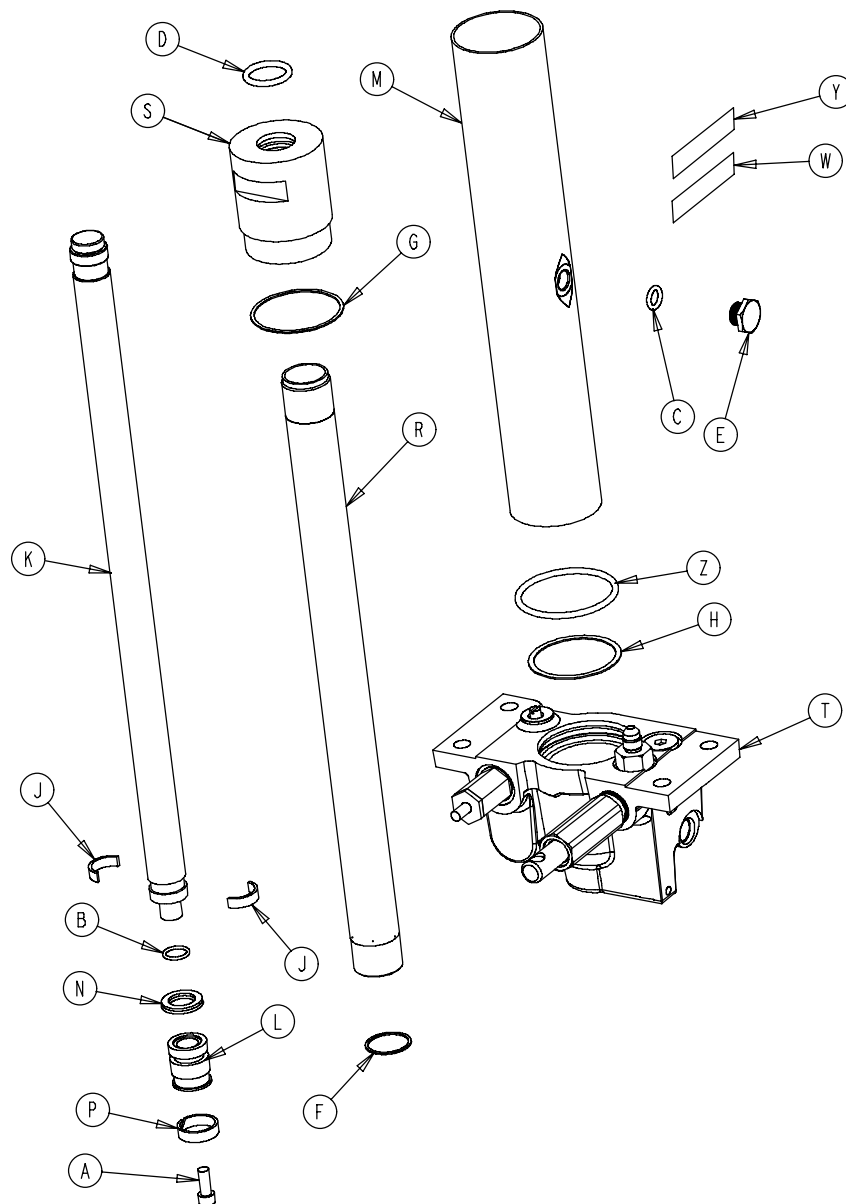
# 1550-470-6 Jack/Pump Motor Assembly

## 1550-470-7 Constant Flow Jack/Pump Motor Assembly



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3-3	Hex Hd. Cap Screw	4	J	1550-71-8	Short Return Line	1
B	3-121	Hex Washer Hd. Screw	4	K	1550-71-1	Long Pressure Line	1
C	16-28	Nylock Nut	4	L	(page 64)	Jack Assembly	2
D	30-40	E-A-R Grommet	4		(page 66)	Constant Flow Jack Ass'y	2
E	48-144	90° Elbow O-Ring Fitting	2	M	1550-270-60	Bottom Plate	1
F	48-146	90° Elbow O-Ring Fitting	2	N	1550-271-2	Long Return Line	1
G	715-1-333	Rel. Valve Stop Sleeve	8	P	2025-75-84	Pump Motor Mtg. Bracket	2
H	2025-75-93	Short Pressure Line	1	R	2025-375-16	Pump Motor	1

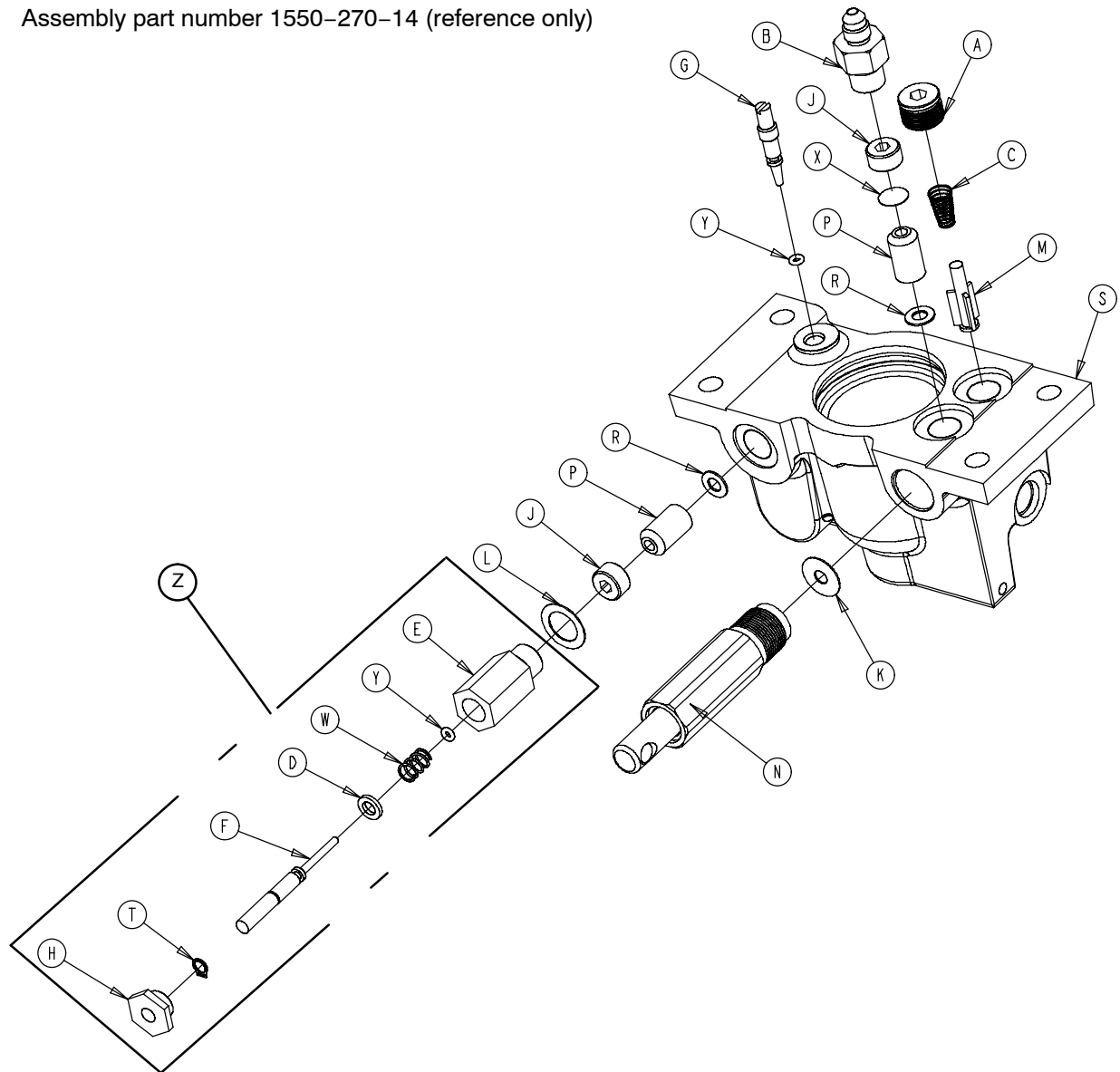
# 1550-270-15 Jack Assembly, Electric Lift Base



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	4-14	Soc. Hd. Cap Screw	1	L	715-1-331	Piston End	1
B	45-14	O-Ring	1	M	715-1-422	Reservoir	1
C	45-110	O-Ring	1	N	926-20-161	Parker Packing	1
D	45-904	Quad Ring	1	P	926-20-162	Wear Ring	1
E	388-100-38	Plug	1	R	1550-70-4	Actuator Cylinder	1
F	390-1-238	Actuator Gasket	1	S	1550-70-6	Cap Assembly	1
G	390-1-243	Gasket	1	T	(page 65)	Jack Base Assembly	1
H	390-1-244	Gasket	1	U	1550-90-110	Label	1
J	390-2-139	Retaining Collar	2	V	921-1-252	Serial Number Label	1
K	715-101-325	Actuator	1	W	45-978	O-Ring	1
				Z	715-100-325	Repl. Pump Piston Ass'y	1

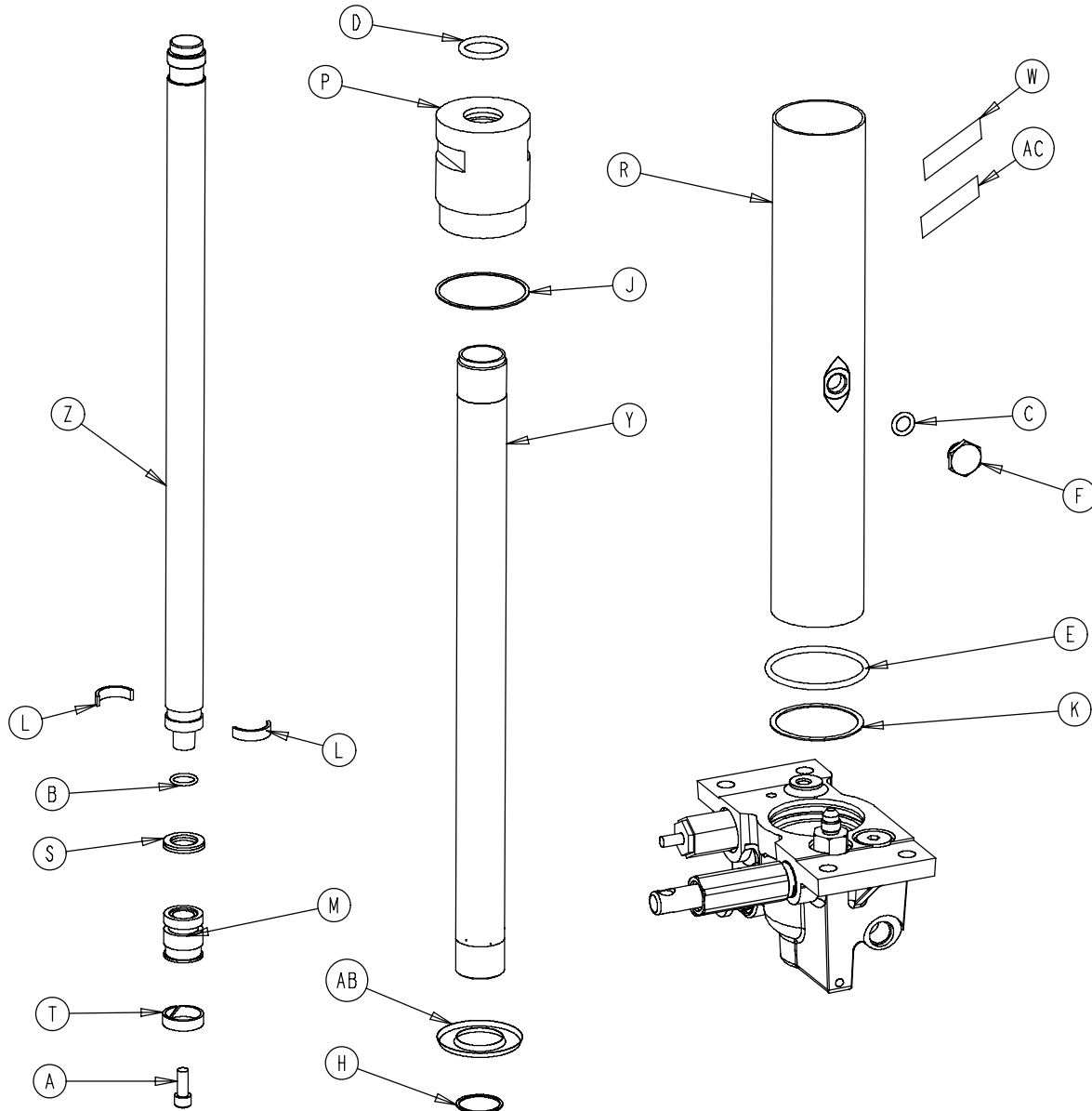
# Electric Lift Jack Base Assembly

Assembly part number 1550-270-14 (reference only)



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	48-147	Hex Hd. O-Ring Plug	1	M	715-1-341	Poppet	1
B	48-150	Check Valve	1	N	(page 68)	Pump Piston Ass'y	1
C	390-2-134	Compression Spring	1	P	926-20-153	Check Valve	2
D	390-2-176	Washer	1	R	926-20-154	Seal	2
E	715-1-305	Pin Housing	1	S	1550-70-121	Jack Base, Machined	1
F	715-1-306	Pin	1	T	28-8	Snap Ring	1
G	715-1-307	Needle Valve	1	W	38-231	Compression Spring	1
H	715-1-308	Base Plug	1	X	715-1-321	Check Valve Screen	1
J	715-1-309	Valve Plug	2	Y	45-6	O-Ring	2
K	715-1-329	Pump Seal	1	Z	0715-100-312	Valve Assembly	1
L	715-1-330	Housing Gasket	1				

# 1550-270-210 Constant Flow Jack – Electric Lift Base

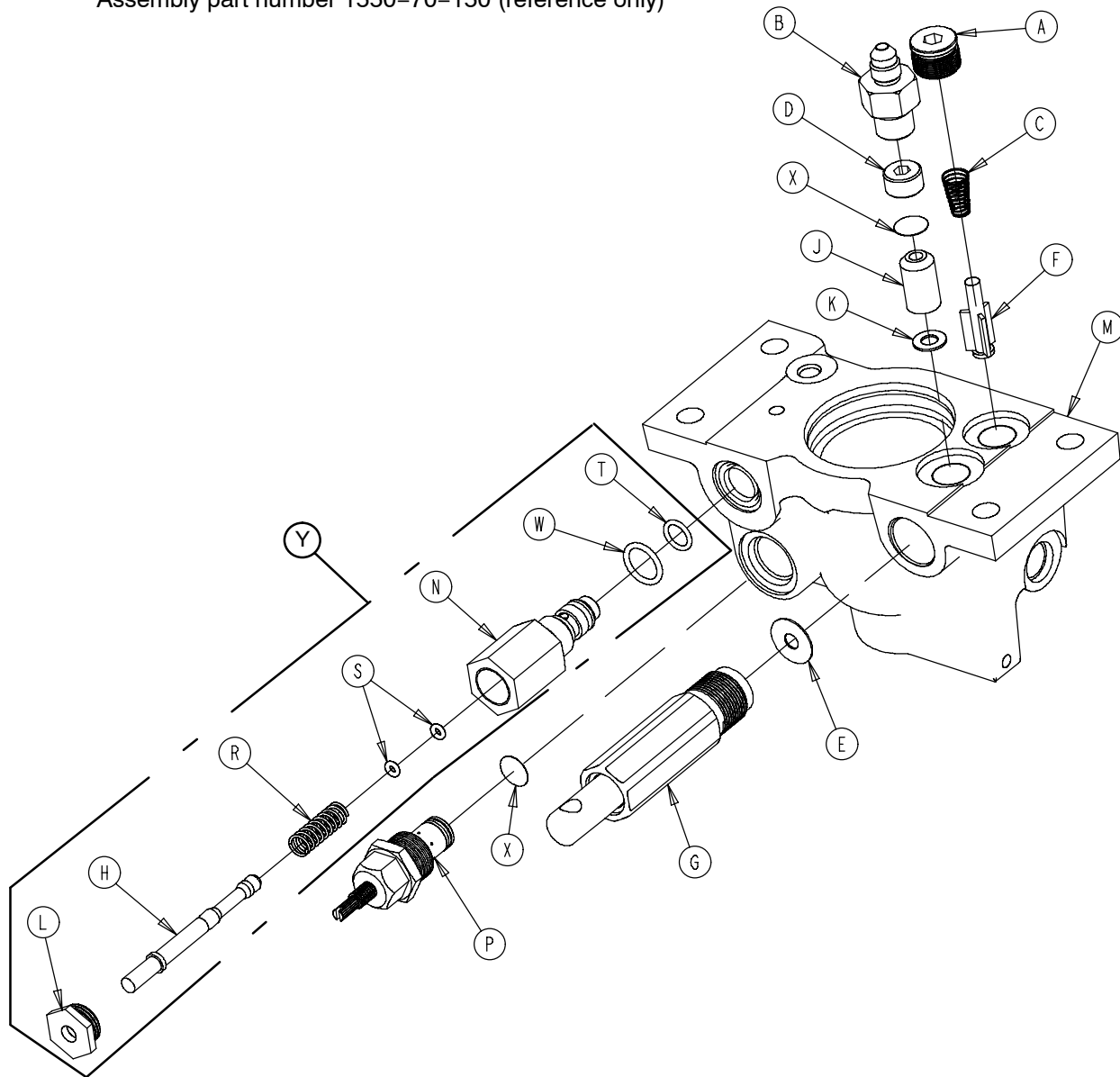


Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	4-14	Soc. Hd. Cap Screw	1	P	1550-70-6	Jack Cap Assembly	1
B	45-14	O-Ring	1	R	715-1-422	Reservoir	1
C	45-110	O-Ring	1	S	926-20-161	Parker Packing	1
D	45-904	O-Ring	1	T	926-20-162	Wear Ring	1
E	45-978	O-Ring	1	W	1550-90-111	Label	1
F	388-100-38	Plug	1	Y	1550-70-4	Actuator Cylinder	1
H	390-1-238	Actuator Gasket	1	Z	715-101-325	Actuator	1
J	390-1-243	Gasket	1	AA	(page 67)	Jack Base Ass'y	1
K	390-1-244	Base Gasket	1	AB	715-1-320	Jack Screen	1
L	390-2-139	Retaining Ring	2	AC	921-1-252	Serial Number Label	1
M	715-1-331	Piston End	1				



# Constant Flow Jack Base Assembly

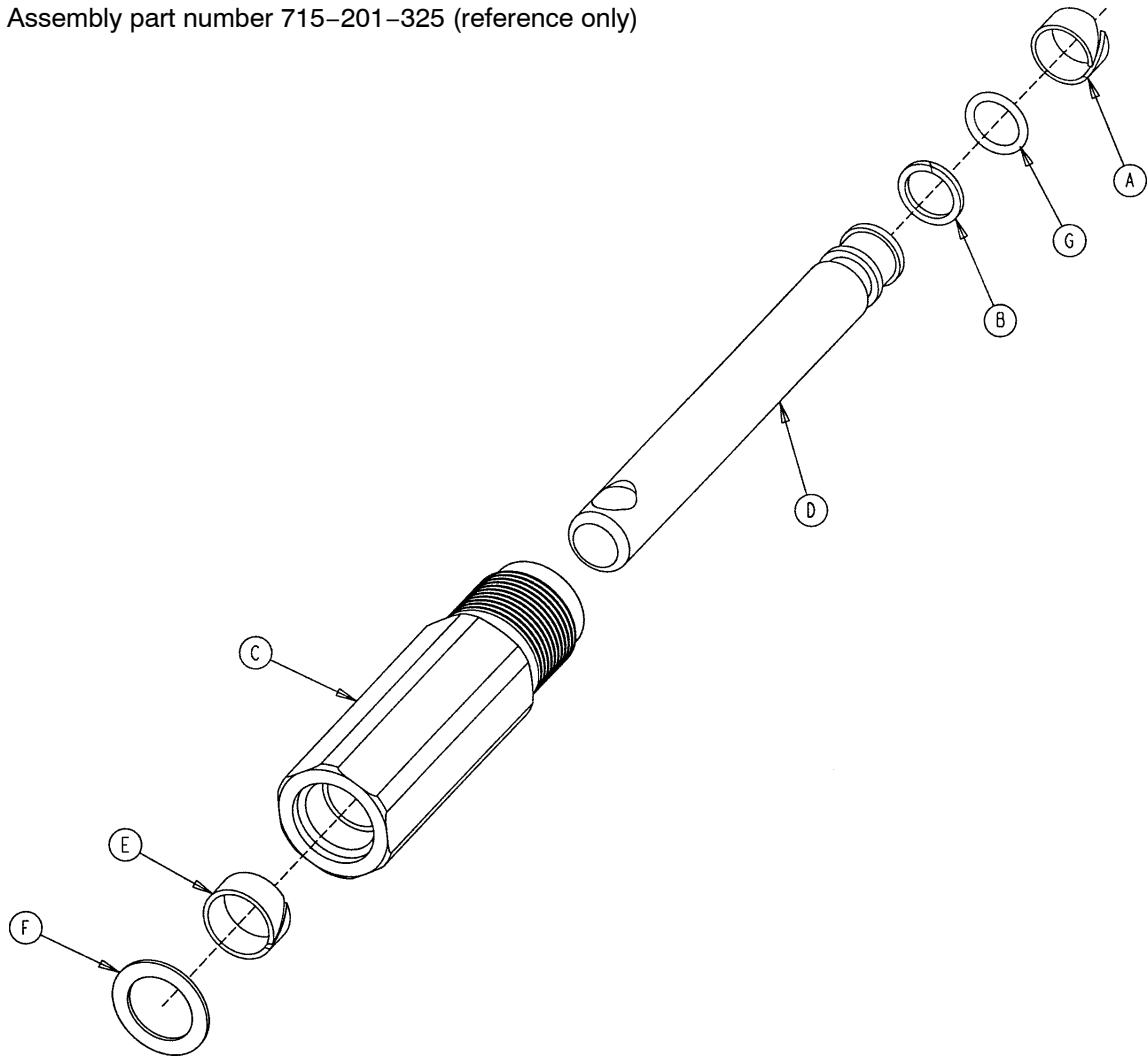
Assembly part number 1550-70-150 (reference only)



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	48-147	Hex Hd. O-Ring Plug	1	L	1210-170-13	Base Plug	1
B	48-150	Check Valve	1	M	1550-70-120	Machined Jack Base	1
C	390-2-134	Conical Comp. Spring	1	N	2025-75-87	Pin Housing	1
D	715-1-309	Valve Plug	1	P	5050-170-50	Adj. PC Valve Cartridge	1
E	715-1-329	Pump Seal	1	R	38-311	Compression Spring	1
F	715-1-341	Poppet	1	S	45-6	O-Ring	2
G	(page 68)	Pump Piston Assembly	1	T	45-966	O-Ring	1
H	715-270-1	Pin	1	W	45-967	O-Ring	1
J	926-20-153	Check Valve	1	X	715-1-321	Check Valve Screen	2
K	926-20-154	Seal	1	Y	2025-700-26	Relief Valve Assembly	1

# 715-100-425 Jack Pump Piston Assembly

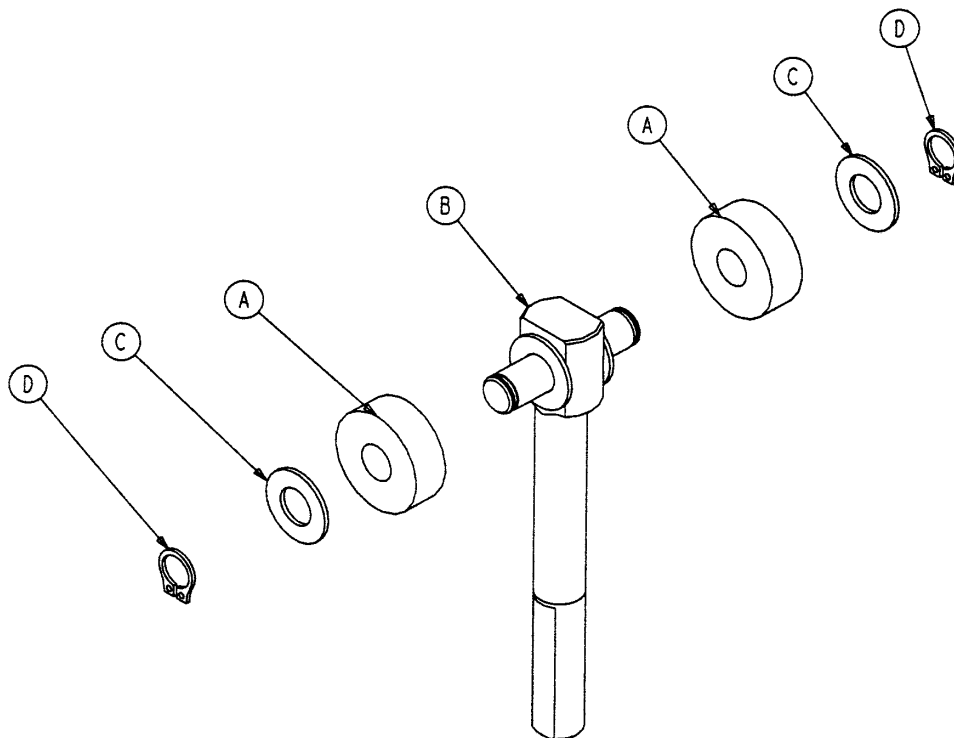
Assembly part number 715-201-325 (reference only)



Item	Part No.	Part Name	Qty.
A	715-1-328	Piston Wear Ring	1
B	715-1-400	O-Ring Back Up	1
C	715-200-316	Pump Cylinder	1
D	715-201-318	Pump Piston	1
E	715-201-327	Cylinder Wear Ring	1
F	14-50	Bearing Retainer	1
G	45-110	O-Ring	1
	715-1-329	Pump Seal (not shown)	1

# 715-201-150 Brake Adjuster Assembly

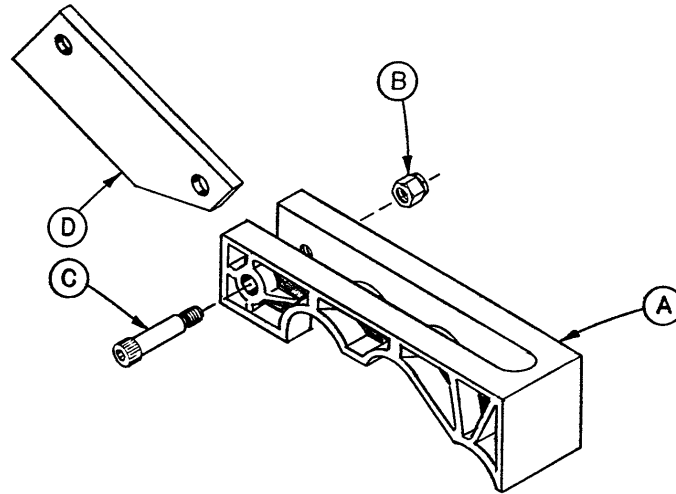
---



Item	Part No.	Part Name	Qty.
A	715-1-180	Cam Bearing	2
B	715-201-62	Threaded Stud Assembly	1
C	14-4	Nylon Washer	4
D	28-8	External Retaining Ring	2

## 715-1-213 Brake Cam Assembly

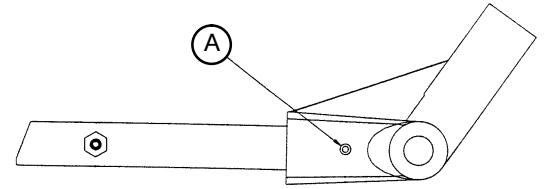
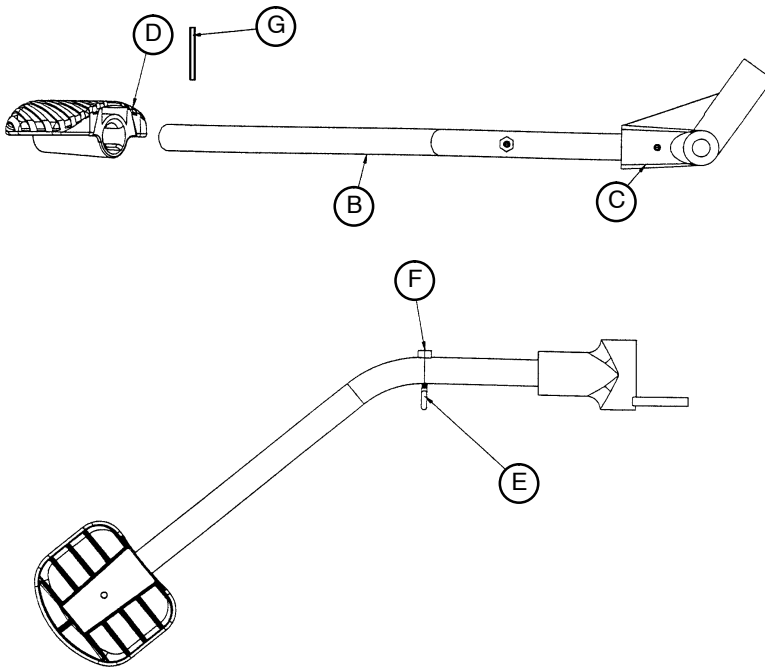
---



Item	Part No.	Part Name	Qty.
A	715-1-221	Brake Cam	1
B	16-59	Fiberlock Nut	1
C	8-21	Soc. Hd. Cap Screw	1
D	715-1-173	Brake Connecting Link	1

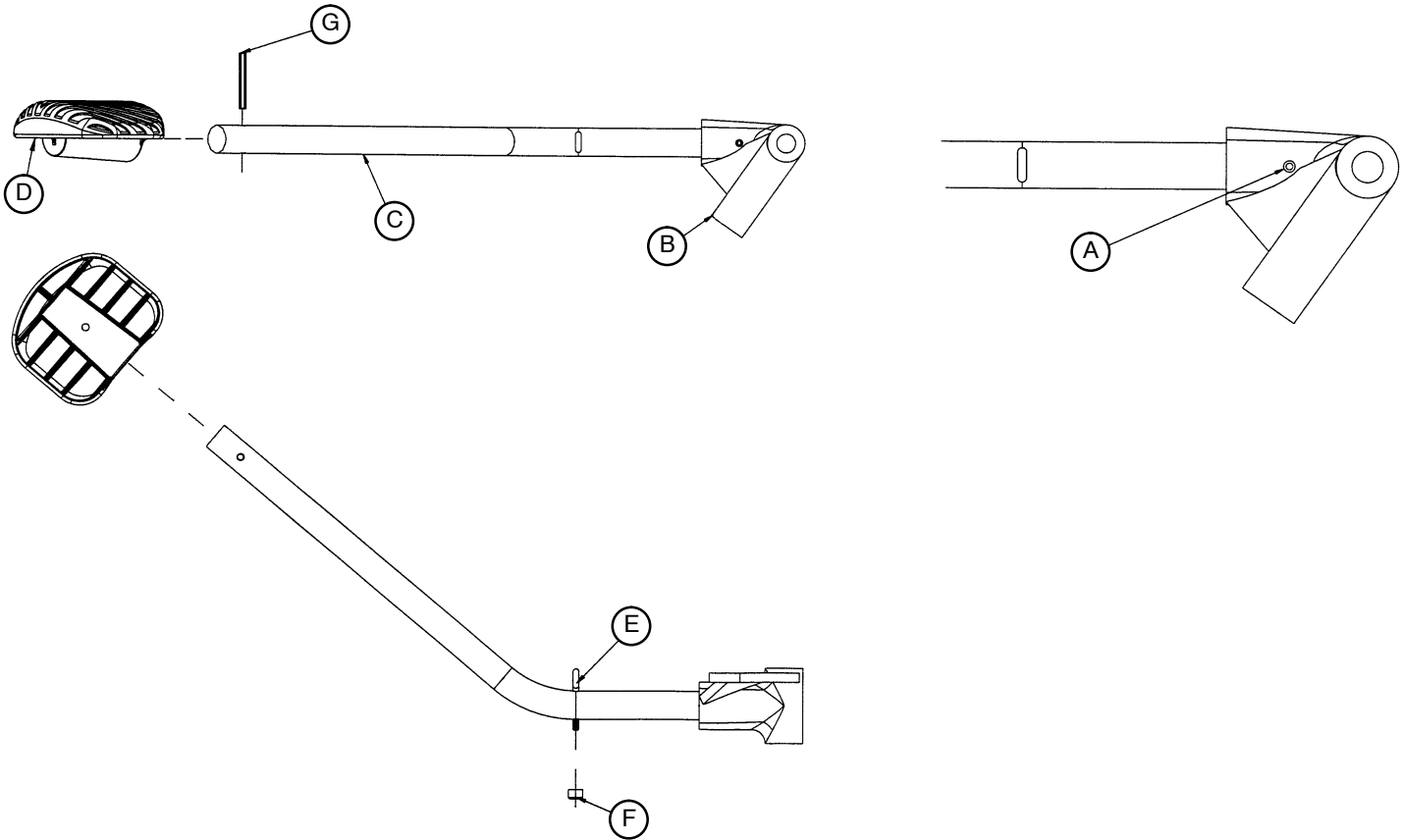
# 716-201-288 Foot End Pump Pedal Assembly

---



Item	Part No.	Part Name	Qty.
A	26-145	Spring Pin	1
B	716-201-14	Foot End Pump Rod	1
C	716-1-283	Pump Pivot Housing	1
D	715-201-126	Pedal	1
E	1210-201-551	Eye Bolt	1
F	16-14	Nylock Nut	1
G	26-261	Groove Pin	1

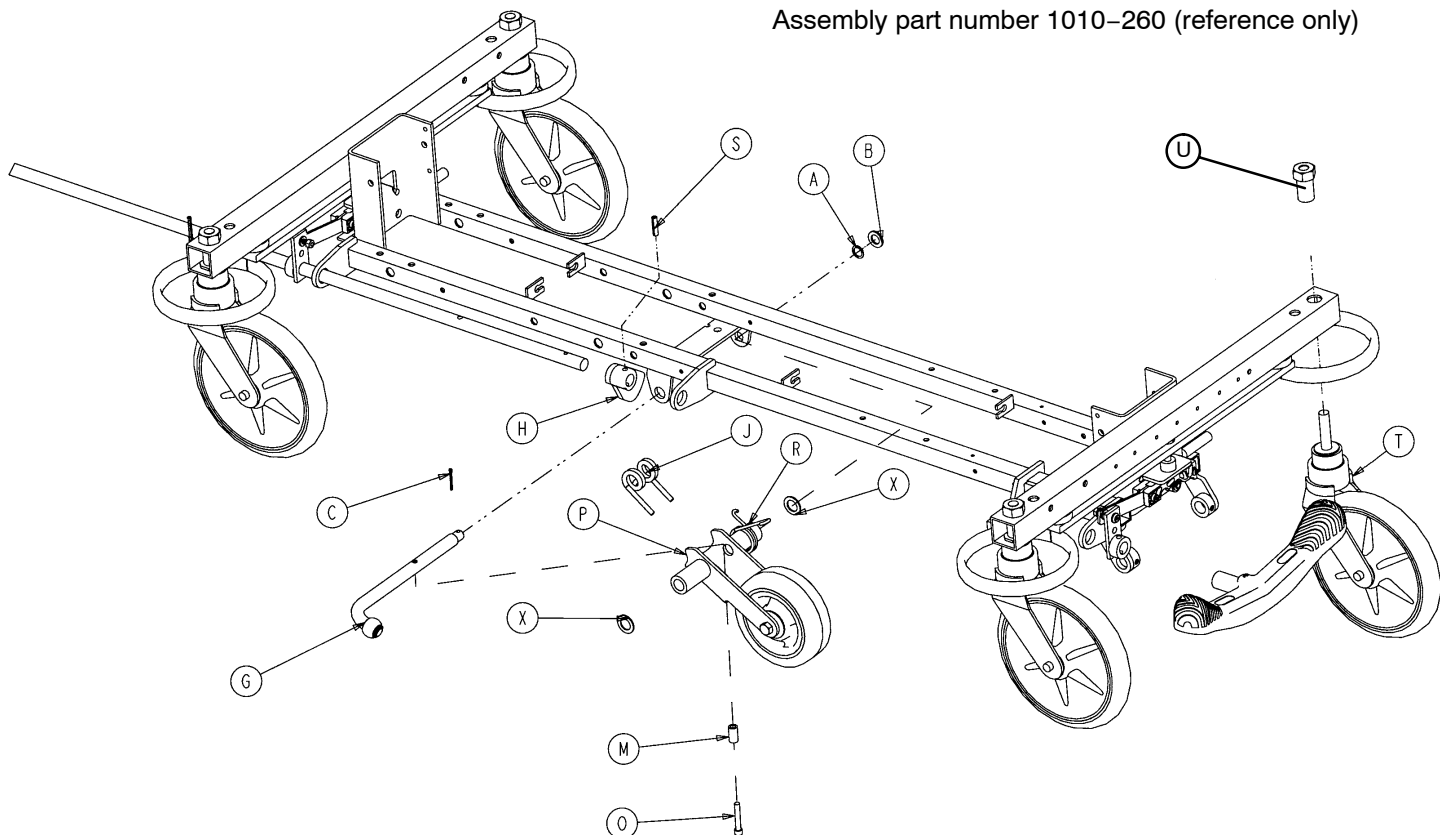
# 716-201-292 Head End Pump Pedal Assembly



Item	Part No.	Part Name	Qty.
A	26-145	Spring Pin	1
B	716-1-285	Pump Pivot Housing, Hd. End	1
C	716-201-14	Head End Pump Rod	1
D	715-201-126	Pedal	1
E	1210-201-551	Eye Bolt	1
F	16-14	Nylock Nut	1
G	26-261	Groove Pin	1

# Base Assembly w/Fifth Wheel Option

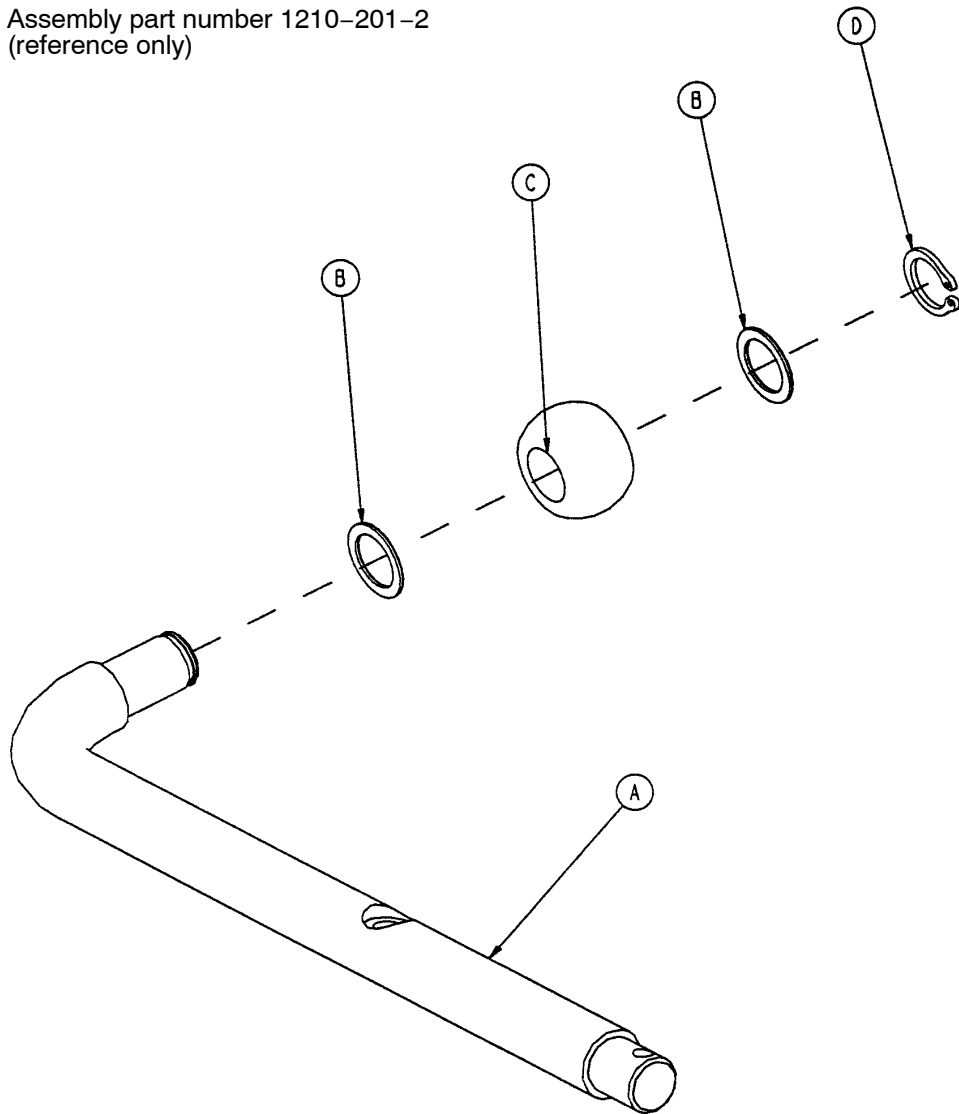
Assembly part number 1010-260 (reference only)



Item	Part No.	Part Name	Qty.
A	14-79	Nylon Washer	1
B	11-13	Washer	1
C	27-16	Cotter Pin	1
G	( <a href="#">page 74</a> )	Pivot Rod Assembly	1
H	1210-1-145	Cam	1
J	1210-1-148	Torsion Spring	1
M	1210-201-149	Spring Spacer	1
O	4-10	Bolt	1
P	( <a href="#">page 75</a> )	Wheel Arm Assembly	1
R	1210-1-146	Torsion Spring	1
S	26-35	Roll Pin	1
T	( <a href="#">page 40</a> )	Caster Assembly	4
U	715-1-158	Caster Nut	4
X	14-80	Nylon Washer	2

# Pivot Rod Assembly

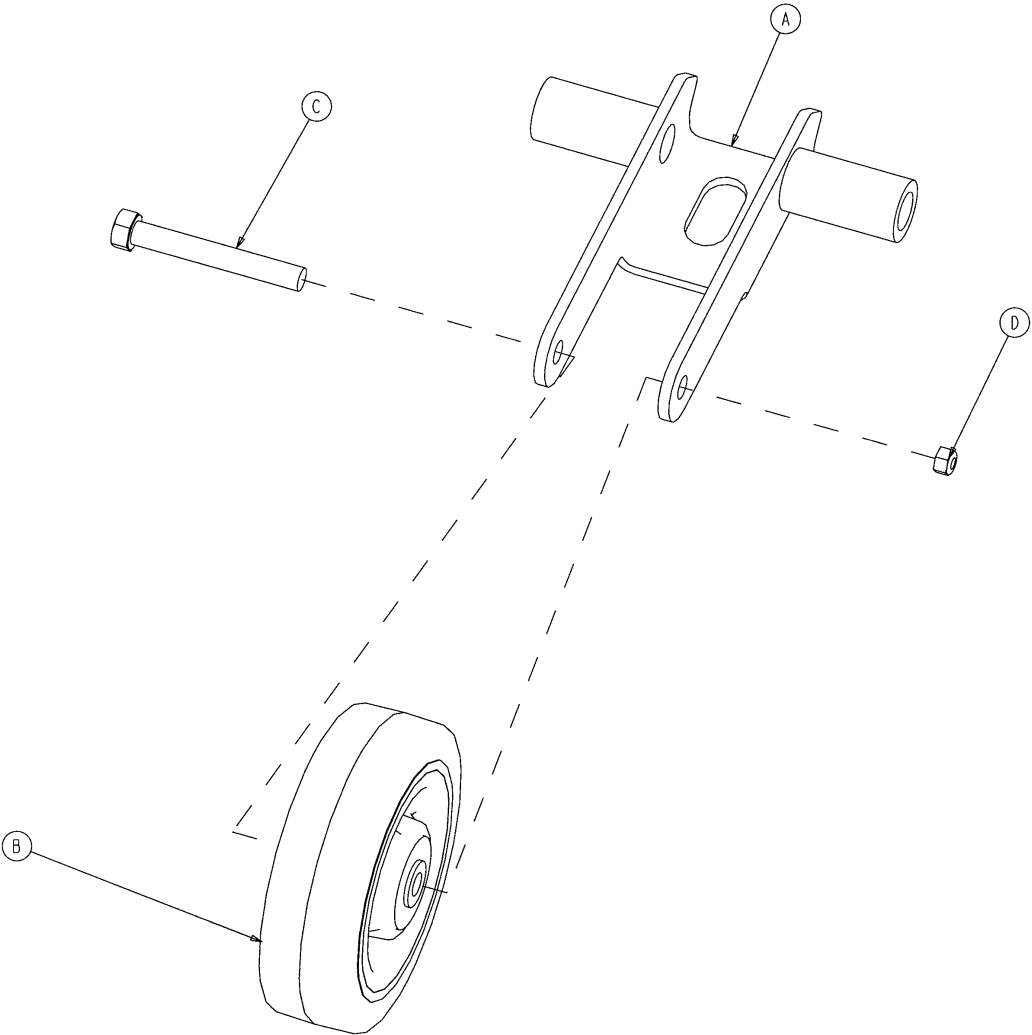
Assembly part number 1210-201-2  
(reference only)



Item	Part No.	Part Name	Qty.
A	1210-1-143	Pivot Rod	1
B	14-79	Nylon Washer	2
C	1210-1-144	Roller	1
D	28-131	Snap Ring	1
E	27-16	Cotter Pin	1



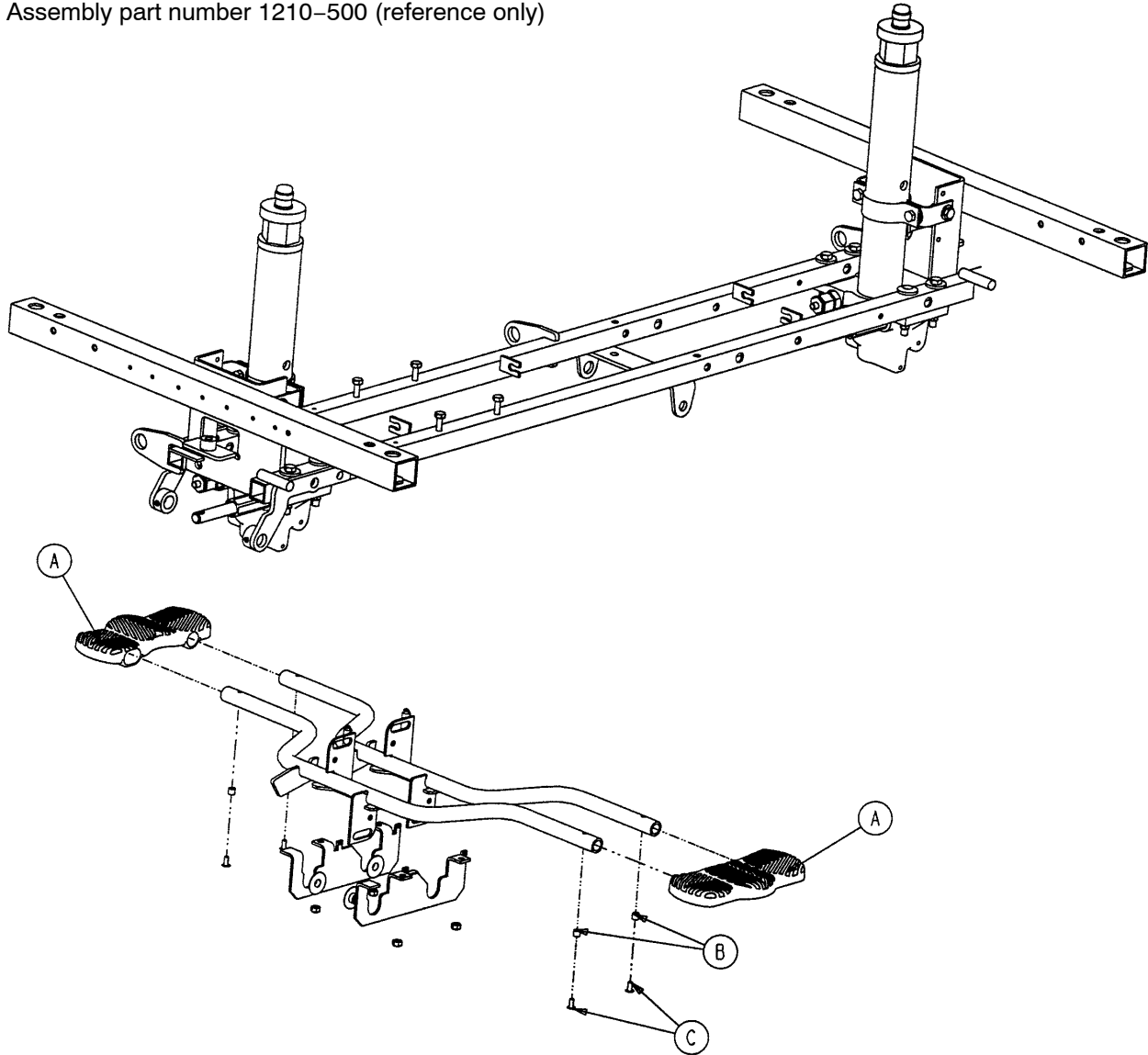
# 715-201-125 Wheel Arm Assembly



Item	Part No.	Part Name	Qty.
A	1210-201-553	Wheel Arm	1
B	1210-1-147	Fifth Wheel	1
C	3-31	Hex Hd. Cap Screw	1
D	16-35	Nylock Nut	1

# Uni-Lower Pedal Assembly

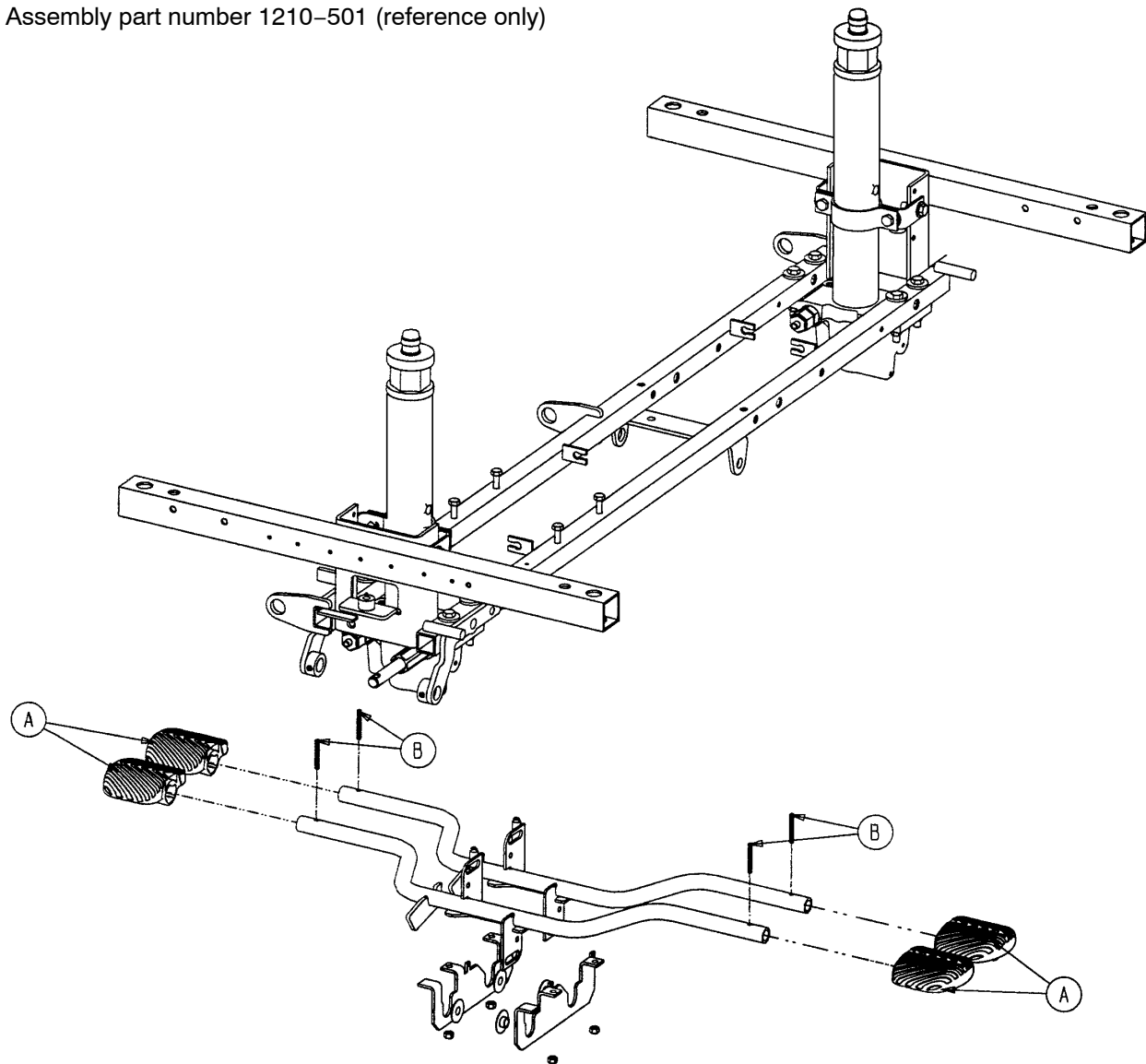
Assembly part number 1210-500 (reference only)



Item	Part No.	Part Name	Qty.
A	715-201-127	Uni-Lowering Pedal	2
B	715-1-333	Release Rod Stop Sleeve	4
C	25-50	Pop Rivet	4

# Optional Dual Lowering Pedal Assembly

Assembly part number 1210-501 (reference only)



Item	Part No.	Part Name	Qty.
A	715-201-126	Pump Pedal	4
B	26-143	Groove Pin	4

Assembly part number 1210-400 (reference only)



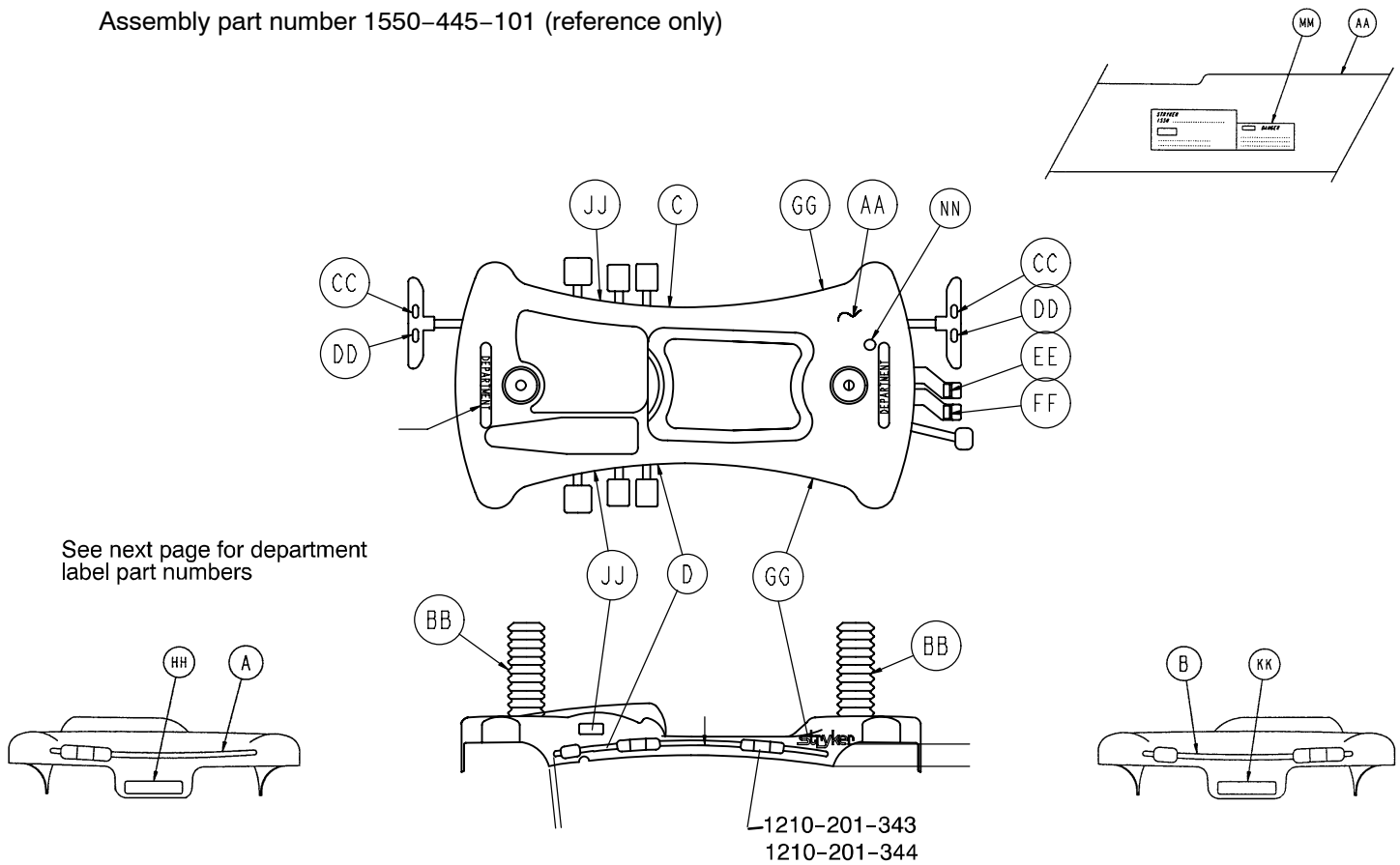
## Optional Side Control Brake Assembly

---

Item	Part No.	Part Name	Qty.
A	1210-301-400	Gear Box Weldment	1
B	1210-301-412	Support	1
C	1210-201-409	Side Control Brake/Steer Rod	1
D	1210-201-407	Pin	1
E	1210-301-406	Spacer	1
F	1210-301-405	Miter/Spur Gear	1
G	1210-301-404	Spur Gear	1
H	1210-301-403	Miter Gear	1
K	1210-201-401	Flange Bearing	5
L	1210-201-336	Steer Label	2
M	1210-201-335	Brake Label	2
N	1210-201-153	Butterfly "V" Pedal	2
P	42-20	Collar	1
R	26-265	Gear Dowel Pin	1
S	26-143	Pedal Dowel Pin	2
T	26-166	Groove Pin	1
W	16-35	Lock Nut	4
Y	11-4	Flat Washer	4
Z	3-45	Hex Hd. Cap Screw	4
AA	1210-201-339	Brake/Steer Label, Right	1
AB	1210-201-340	Brake/Steer Label, Left	1
AC	11-410	Washer	1
AD	27-16	Cotter Pin	1
AE	14-80	Washer	2

# 3-Sided Foot End Control Base Labeling Assembly

Assembly part number 1550-445-101 (reference only)



Item	Part No.	Part Name	Qty.
AA	1550-445-102	Base Hood	1
BB	1550-10-134	Bellows	2
CC	1210-201-335	Red Brake Label	2
DD	1210-201-336	Green Steer Label	2
EE	1210-201-337	Head Down Label, Foot End	1
FF	1210-201-338	Foot Down Label, Foot End	1
GG	946-201-60	Stryker Logo Label	4
HH	1550-90-1	Grounding Caution Label	1
JJ	1550-90-3	Synergy Series Logo Label	2
KK	1550-90-13	Electric Shock Caution Label	1
MM	1550-90-18	Explosion Danger Label	1
NN	30-66	Heyco Snap 2126 Bushing	1

## 3-Sided Foot End Control Base Labeling Assembly

Color Set P/N	Item A Control Label, Head End	Item B Control Label, Foot End	Item C Control Label, Left	Item D Control Label, Right	Litter Bumper Strip
RED 1210-750-110	1210-800-113	1210-850-115	1210-800-111	1210-800-112	1010-700-15
PURPLE 1210-750-120	1210-800-123	1210-850-125	1210-800-121	1210-800-122	1010-700-25
GREEN 1210-750-130	1210-800-133	1210-850-135	1210-800-131	1210-800-132	1010-700-35
GRAY 1210-750-140	1210-800-143	1210-850-145	1210-800-141	1210-800-142	1010-700-45
TEAL 1210-750-150	1210-800-153	1210-850-155	1210-800-151	1210-800-152	1010-700-55
PINK 1210-750-160	1210-800-163	1210-850-165	1210-800-161	1210-800-162	1010-700-65
BLUE 1210-750-170	1210-800-173	1210-850-175	1210-800-171	1210-800-172	1010-700-75

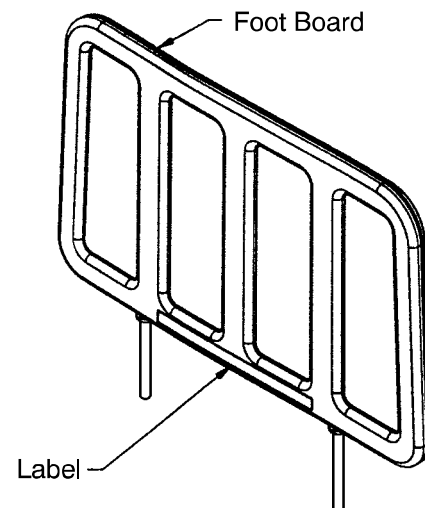
### BASE HOOD DEPARTMENT LABELS

Department	Label Part No.
Emergency	1010-900-215
PACU	1010-900-220
Transport	1010-900-225
Surgery	1010-900-230
Extended Stay	1010-900-235
Maternity	1010-900-240
Endoscopy	1010-900-245
Radiology	1010-900-250
Nuclear Medicine	1010-900-255
Ambulatory Surgery	1010-900-260
G.I. Lab	1010-900-265
Cath. Lab	1010-900-270
Same Day Surgery	1010-900-275
Cardio.	1010-900-280
Ultrasound	1010-900-285

#### NOTE

All base hood department labels are quantity of two.

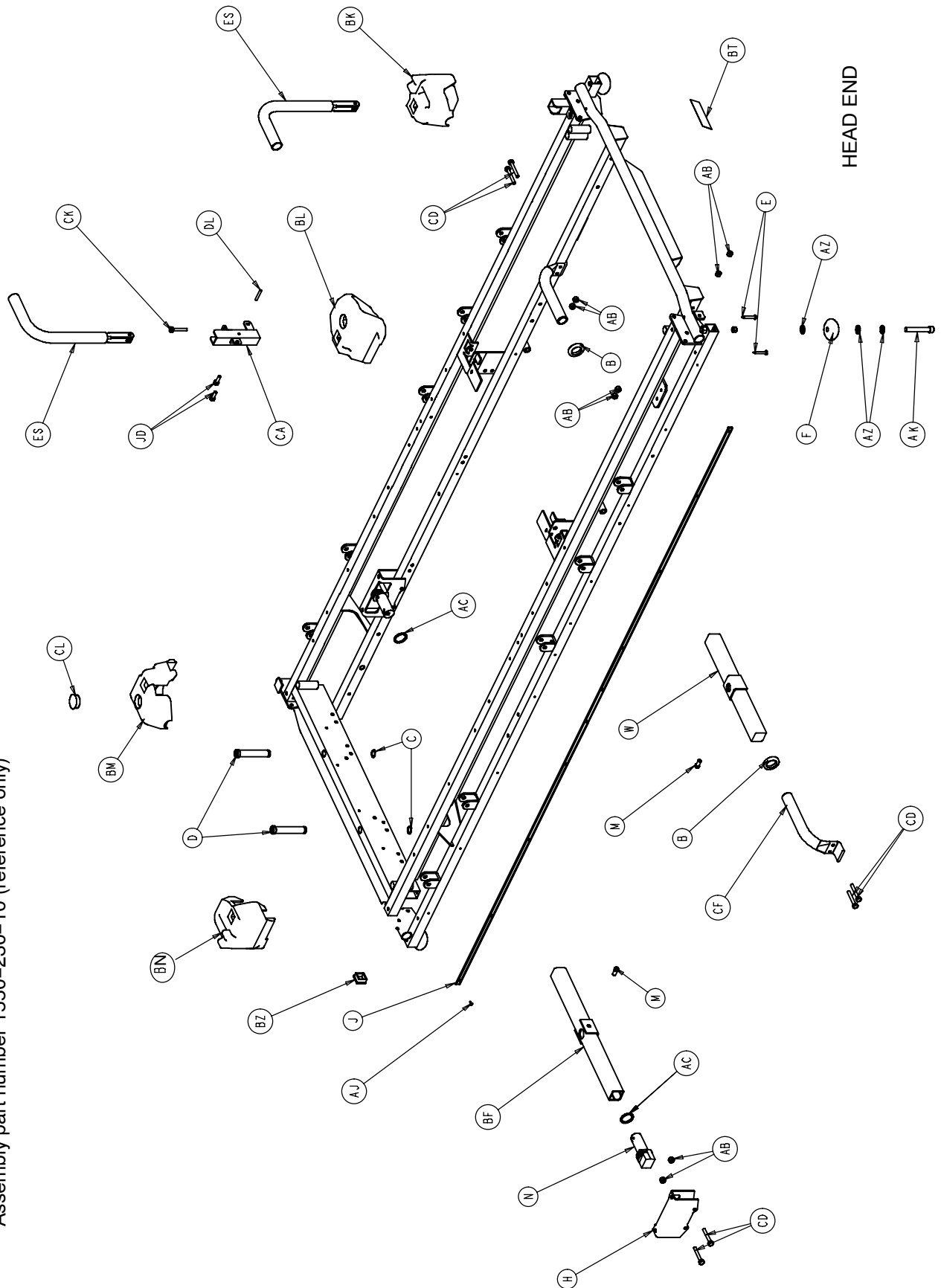
### FOOT BOARD DEPARTMENT LABELS



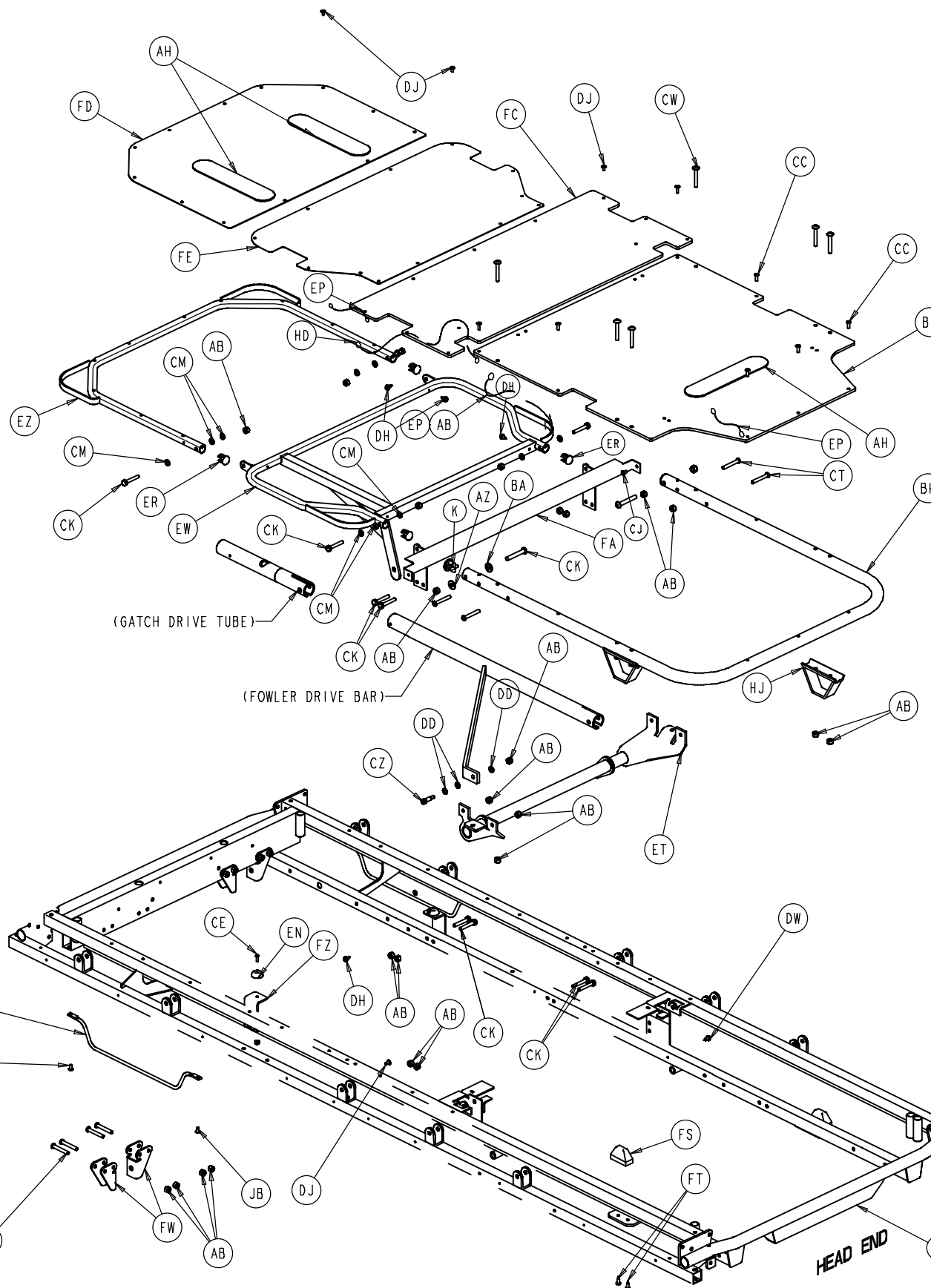
Department	Label Part No.
Demo Stryker	1010-900-186
Ophthalmology	1010-900-187
Outpatient Surgery	1010-900-188
Recovery	1010-900-189
Trauma	1010-900-190
Urgence	1010-900-191
Special (Blank)	1010-900-192

# Litter Assembly

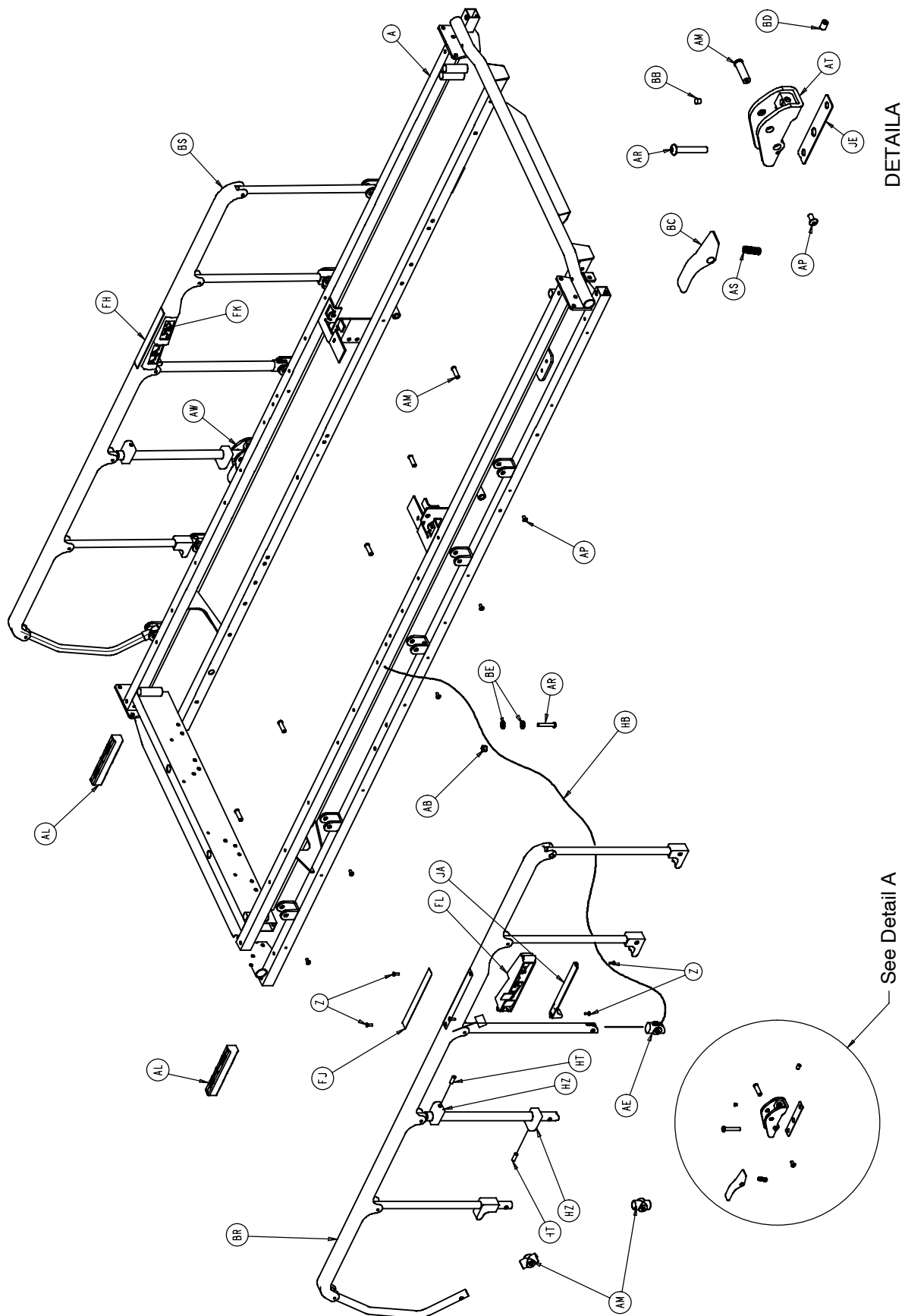
Assembly part number 1550-230-10 (reference only)



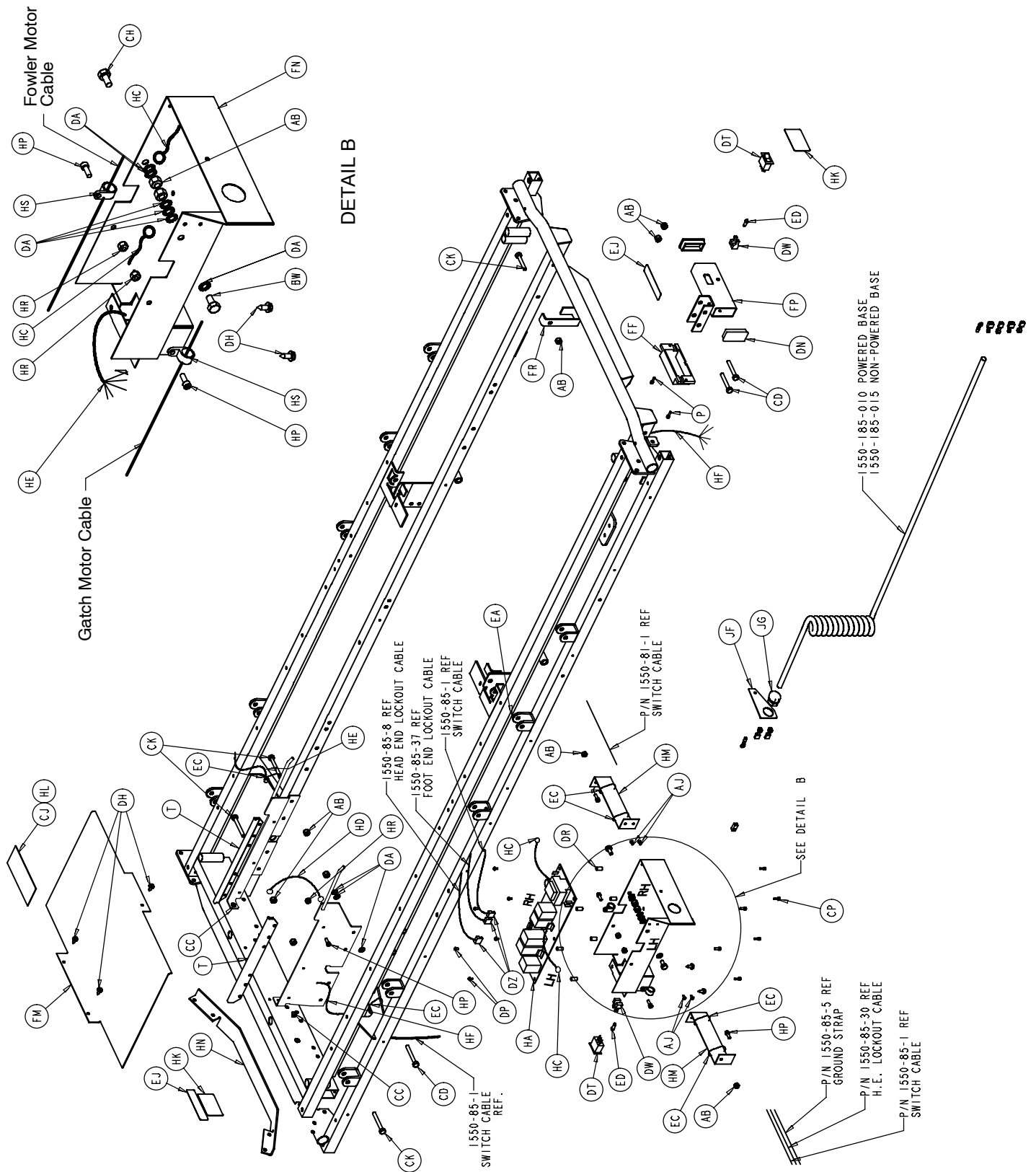




# Litter Assembly



[Return to Table of Contents](#)



# Litter Assembly

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1550-30-5	Frame Assembly	1	CM	14-3	Washer	12
B	938-1-401	Collar	2	CP	4-101	Soc. Hd. Cap Screw	6
C	28-72	Retaining Ring	2	CS	1010-32-92	Foley Bag Rack	2
D	1001-40-12	Foot Board Receptacle	2	CT	4-173	But. Hd. Cap Screw	4
E	23-104	Self-Tapping Screw	8	CW	7-20	Truss Hd. Mach. Screw	14
F	926-400-142	Corner Wheel	4	CZ	8-15	Shoulder Bolt	1
H	1070-201-30	Trend. Support	2	DA	13-10	Ext. Tooth Lock Washer	7
J	1010-201-27	Bumper Extrusion	2	DE	1550-90-15	Caution Label	2
K	1001-1-36	End Plug	2	DF	16-14	Nylock Nut	2
L	1001-1-41	Tube Plug	2	DH	23-25	Hex Hd. Tap. Screw	9
M	49-1	Sq. Hd. Set Screw	2	DJ	25-122	Pop Rivet	44
N	1001-201-29	Insert	2	DK	16-23	Lock Nut	2
P	4-100	Soc. Hd. Cap Screw	2	DL	26-12	Roll Pin	2
T	1510-34-90	Edge Cover	2	DN	37-49	Hole Plug	2
W	1510-32-20	Support Tube Ass'y	1	DP	52-89	Fil. Slotted Nylon Screw	6
Z	1-110	Flat Hd. Screw	8	DR	52-91	Female Spacer	6
AB	16-28	Nylock Nut	61	DS	59-54	5- Pin Housing	2
AC	11-360	Plastic Spacer	2	DT	59-68	Rocker Switch	2
AD	16-36	Flexlock Nut	4	DW	59-69	Terminal Faston	4
AE	1550-26-18	Oval Sleeve	2	DZ	59-70	6-Pin Housing	1
AH	16-35	Nylock Nut	4	EA	59-72	Nylon Key Plug	1
AJ	25-38	Pop Rivet	24	EB	59-74	Strain Relief Bushing	3
AK	4-201	Soc. Hd. Cap Screw	4	EC	59-75	Nylon Cable Tie	6
AL	1550-26-24	Lock Support	2	ED	59-77	Yellow LED	2
AM	721-26-66	Pivot Screw	14	EF	36-46	Ground Label	1
AN	721-26-69	Upright Sleeve	4	EH	59-100	Dome Plug	2
AP	4-515	But. Hd. Cap Screw	14	EJ	1550-90-20	O2 Caution Label	2
AR	4-135	But. Hd. Cap Screw	4	EN	1070-14-9	Bumper	2
AS	38-220	Compression Spring	2	EP	3001-300-870	Earth Ground Jumper	1
AT	1010-26-81	Lock Hsg. Ass'y, Lt.	1	ER	1001-34-25	Hole Plug	4
AW	1010-26-80	Lock Hsg. Ass'y, Rt.	1	ES	(page 88)	Push Handle Assembly	2
AZ	14-21	Nylon Flat Washer	2	ET	1501-33-24	Fowler Lever Assembly	1
BA	11-179	Nylon Flat Washer	6	EW	1501-34-11	Thigh Frame Assembly	1
BB	37-74	Hole Plug	16	EZ	1501-34-112	Calf Frame Assembly	1
BC	721-26-74	Lock Handle, Mach.	2	FA	1501-34-23	Midsection Supt. Ass'y	1
BD	21-104	Set Screw	2	FC	1510-234-27	Midsection Skin	1
BE	11-2	Flat Washer	3	FD	1510-234-126	Calf Skin	1
BF	1501-201-31	Supt. Tube Ass'y	1	FE	1510-234-28	Thigh Skin	1
BH	1501-31-13	Fowler Tube	1	FF	1550-1-31	Weigh Board Cover	1
BJ	4-183	Fowler Pivot Bolt	2	FH	1550-26-9	Top Rail Nurse Label, Rt.	1
BK	1010-201-236	Corner Cover, Hole/Slot	1	FJ	1550-26-10	Top Rail Nurse Label, Lt.	1
BL	1010-201-237	Corner Cover, Hole/Hole	1	FK	(page 90)	Comp. Hsg. Ass'y, Rt.	1
BM	1010-201-238	Corner Cover, Slot Only	1	FL	(page 90)	Comp. Hsg. Ass'y, Lt.	1
BN	1010-201-239	Corner Cover, Hole Only	1	FM	1550-30-22	Board Housing Top	1
BP	1510-231-12	Fowler Skin	1	FN	1050-30-1	Enclosure Ass'y	1
BR	(page 89)	Siderail Assembly, Lt.	1	FP	1550-30-17	Hd. End Lockout Wldmt.	1
BS	(page 89)	Siderail Assembly, Rt.	1	FR	1550-30-25	Power Cord Hook	2
BT	946-1-60	Logo Label	1	FS	1001-31-31	Pneumatic Fowler Rest	2
BW	3-1	Hex Hd. Cap Screw	1	FT	23-100	Self-Tapping Screw	4
BZ	37-10	Hole Plug	2	FW	1550-34-20	Crankscrew Mtg. Brkt.	4
CA	1010-254-4	Receptacle Ass'y, Lt.	1	FZ	1550-34-21	Thigh Support	2
CB	1010-254-6	Receptacle Ass'y, Rt.	1	HA	1550-80-940	Logic Control Board	1
CC	25-50	Pop Rivet	7	HB	1550-85-1	Switch Cable	2
CD	3-78	Hex Hd. Cap Screw	6	HC	1550-85-33	Ground	2
CE	2-31	Round Hd. Mach. Screw	2	HD	1550-85-30	Ground Strap	1
CF	1001-1-37	Head Jack Supt. Tube	2	HE	1550-85-37	Ft. End Lockout Cable	1
CH	3-41	Hex Hd. Cap Screw	2	HF	1550-85-8	Hd. End Lockout Cable	1
CJ	1550-90-30	Litter Fuse Label	1				
CK	3-47	Hex Hd. Cap Screw	14				
CL	37-59	Hole Plug	2				

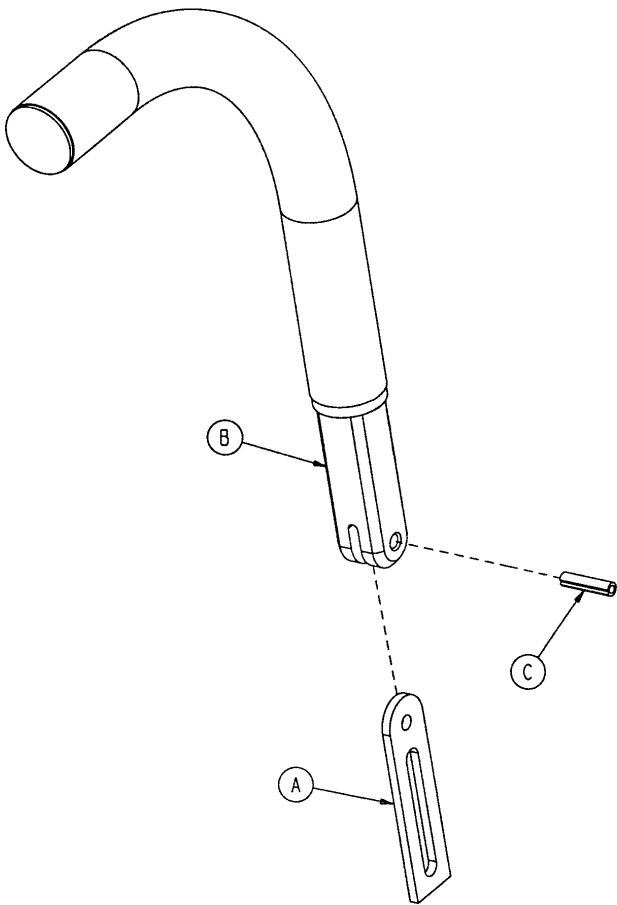
# Litter Assembly

---

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
HJ	1550-33-31	Fowler Supt. Ass'y	2	HW	721-31-65	Hole Plug	30
HK	1550-90-5	Lockout Label	2	HZ	1550-26-31	Siderail Spindle Support	4
HL	1550-90-13	Caution Label	1	JA	1550-26-27	Guard	2
HM	1550-30-30	Side Support	2	JB	4-167	But. Hd. Cap Screw	4
HN	1550-30-15	Motor Bracket	1	JC	25-79	Pop Rivet	4
HP	4-7	Soc. Hd. Cap Screw	4	JD	3-50	Hex Hd. Cap Screw	4
HR	16-3	Fiberlock Nut	4	JE	1010-26-103	Spring Retainer	4
HS	34-255	Cable Tie	2	JF	1050-3-8	Bracket	1
HT	21-171	Set Screw	4	JG	59-106	Heyco 1497	1
				JH	7900-1-102	Velcro Pile	3

# 1211-351-010 Push Handle Assembly

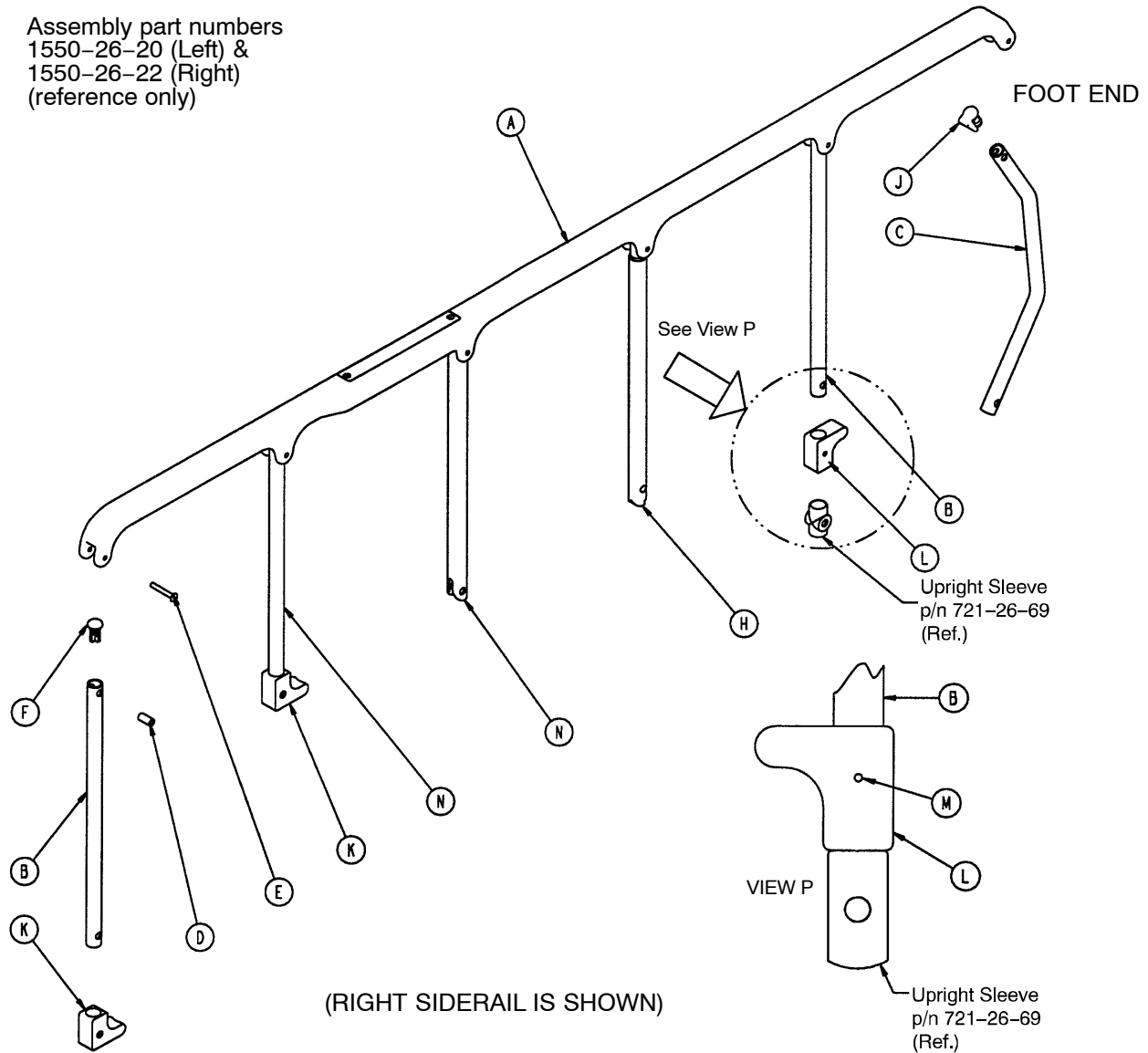
---



Item	Part No.	Part Name	Qty.
A	1010-354-024	Stop Link	1
B	1211-151-018	Sleeve Assembly	1
C	0026-118-000	Roll Pin	1

# Siderail Assembly, Left & Right

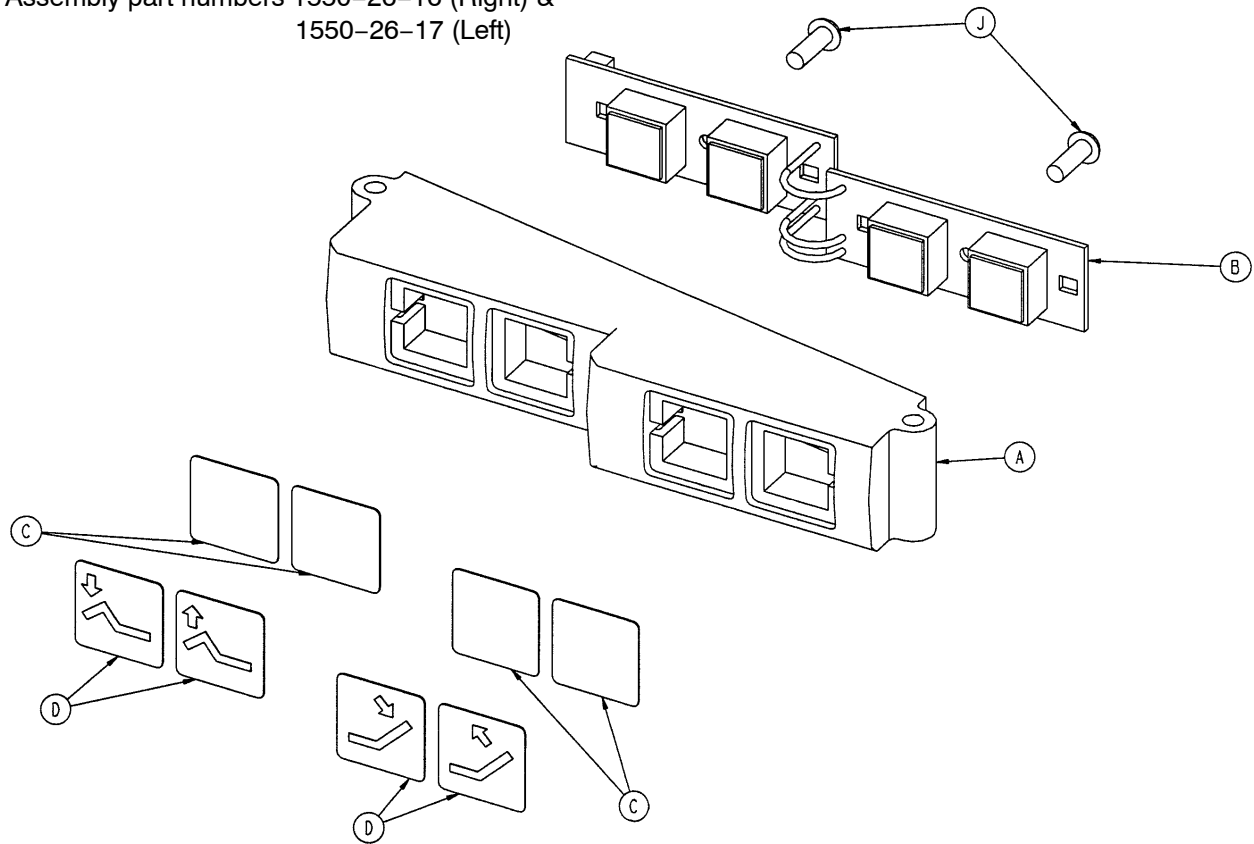
Assembly part numbers  
1550-26-20 (Left) &  
1550-26-22 (Right)  
(reference only)



Item	Part No.	Part Name	Qty.
A	1550-26-21	Top Rail, Left	1
	1550-26-23	Top Rail, Right	1
B	1010-26-83	Upright	3
C	1010-26-84	Upright, Bent	1
D	1010-26-82	Sleeve Bearing	6
E	25-106	Semi-Tubular Rivet	6
F	1010-26-10	Round Hole Plug	3
H	1010-26-85	Upright, Latch	1
J	1010-26-12	Bent Spindle Rest	1
K	1010-95-32	Siderail Rest	2
L	1010-95-22	Bent Rail Rest	1
M	25-38	Pop Rivet	1
N	1550-26-19	Oval Upright	1

# Siderail Component Housing Assembly

Assembly part numbers 1550-26-16 (Right) &  
1550-26-17 (Left)

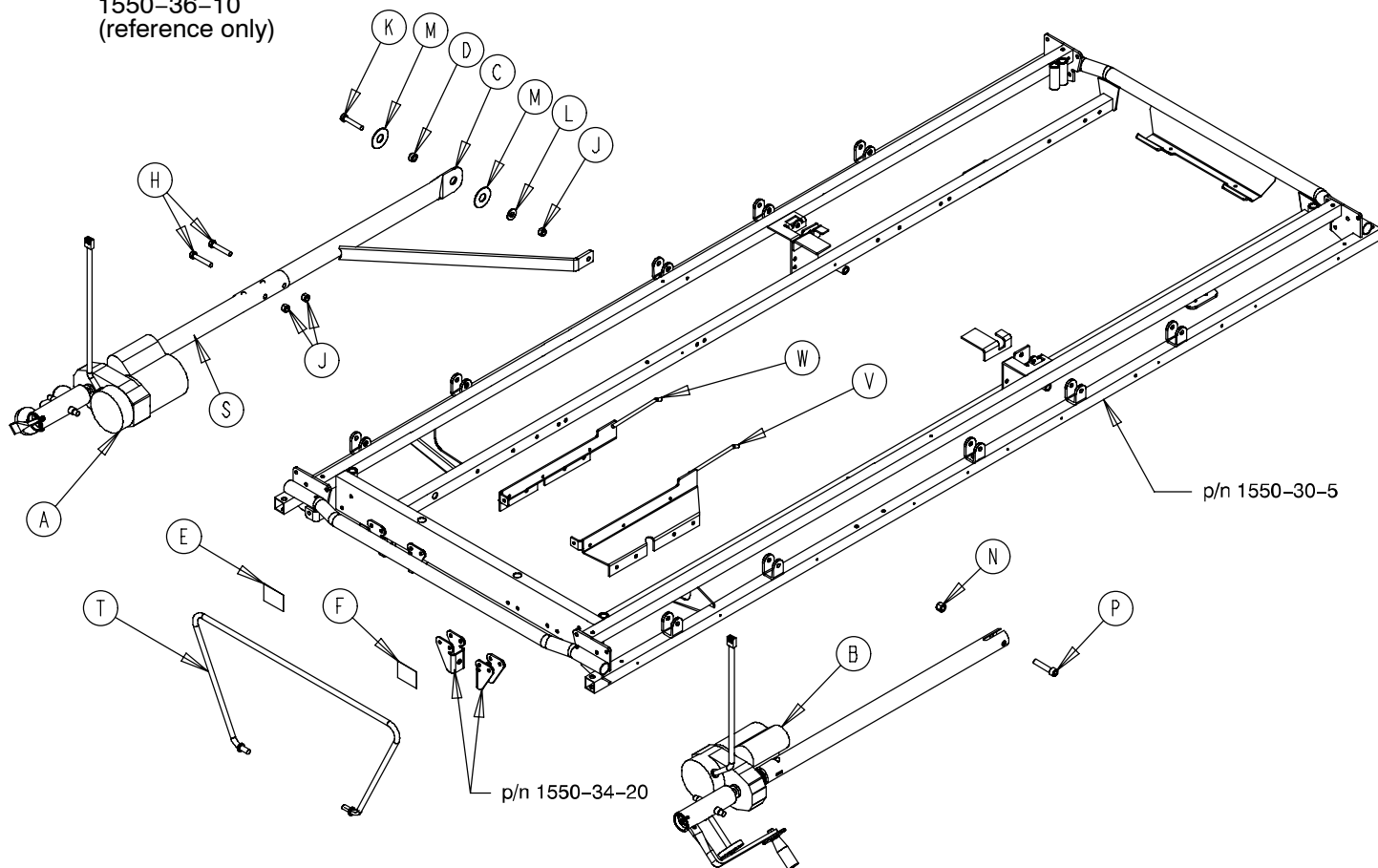


Item	Part No.	Part Name	Qty.
A	1550-26-14	Component Housing	1
B	1550-80-930	Switch Board Assembly	1
C	1550-26-11	Lexan Shield	4
D	1550-26-25	Control Labels, Rt.	1
	1550-26-26	Control Labels, Lt.	1
J	2-5	Round Hd. Screw	2



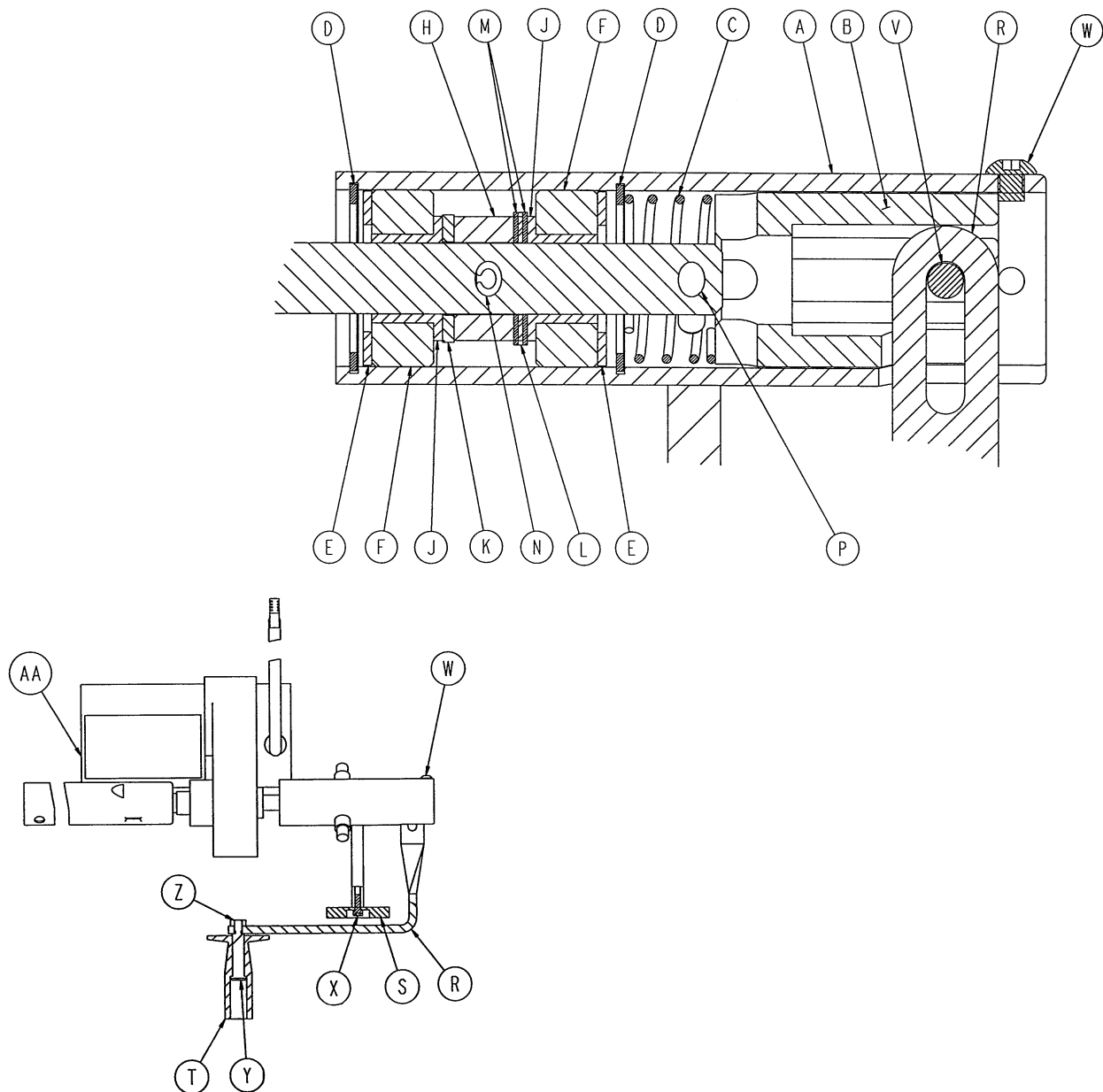
# Non-Quick Drop Fowler & Gatch Assembly

Assembly part number  
1550-36-10  
(reference only)



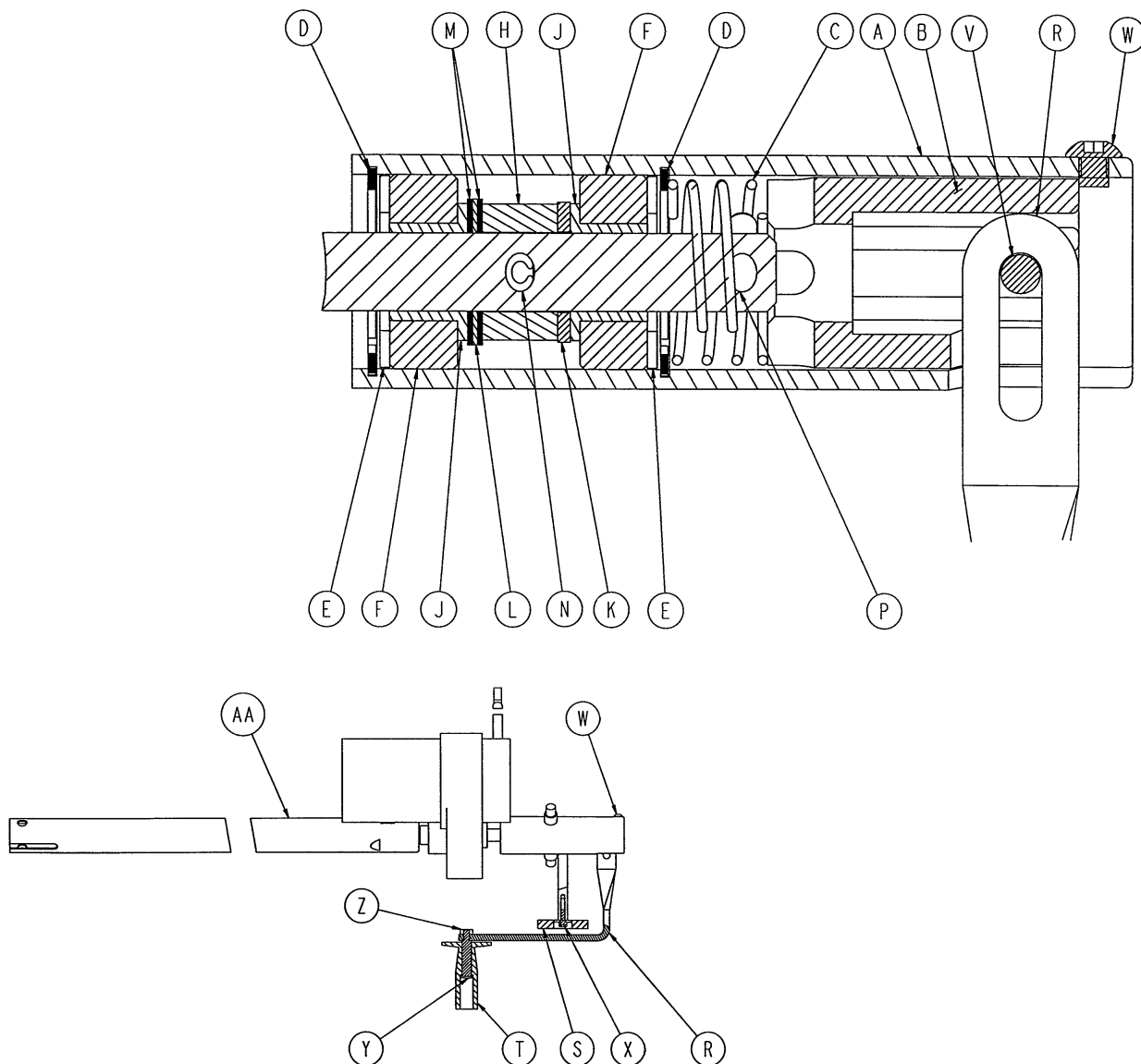
Item	Part No.	Part Name	Qty.
A	( <a href="#">page 92</a> )	Fowler Crankscrew Ass'y	1
B	( <a href="#">page 93</a> )	Gatch Crankscrew Ass'y	1
C	1550-33-54	Fowler Drive Bar Weldment	1
D	1550-33-55	Spacer	1
E	1550-90-33	Fowler Engage Label	1
F	1550-90-34	Gatch Engage Label	1
H	3-68	Hex Hd. Cap Screw	2
J	16-36	Nylock Nut	3
K	3-85	Hex Hd. Cap Screw	1
L	11-193	Washer	1
M	14-62	Plastic Flat Washer	2
N	16-35	Nylock Nut	1
P	4-108	Hex Hd. Cap Screw	1
T	1710-34-127	Calf Stand Bar	1
V	1001-34-29	Slider Support Ass'y, Left	1
W	1001-34-30	Slider Support Ass'y, Right	1

# 1550-233-30 Fowler Crankscrew Ass'y, Non-Quick Drop



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1550-34-13	Crk/Coupler Hsg. Ass'y, Rt.	1	N	26-149	Roll Pin	1
B	1550-34-1	Crank Coupler	1	P	26-179	Spiral Pin	1
C	38-286	Compression Spring	1	R	1550-1-16	Crank Handle	1
D	28-299	Snap Ring	2	S	1550-1-14	Magnet	1
E	81-174	Washer	2	T	1550-1-19	Crank Knob	1
F	2020-1-529	Nylon Spacer	2	V	26-168	Spiral Pin	1
H	2020-1-532	Bearing Collar	1	W	4-131	But. Hd. Cap Screw	2
J	81-213	Bronze Shoulder Bushing	2	X	4-32	Soc. Hd. Cap Screw	1
K	11-45	Nylon Washer	1	Y	378-24-29	Shoulder Bolt	1
L	81-212	Thrust Bearing	1	Z	16-78	Centerlock Nut	1
M	14-44	Steel Thrust Washer	2	AA	1550-233-45	Fow. Act. w/Drive Tube	1

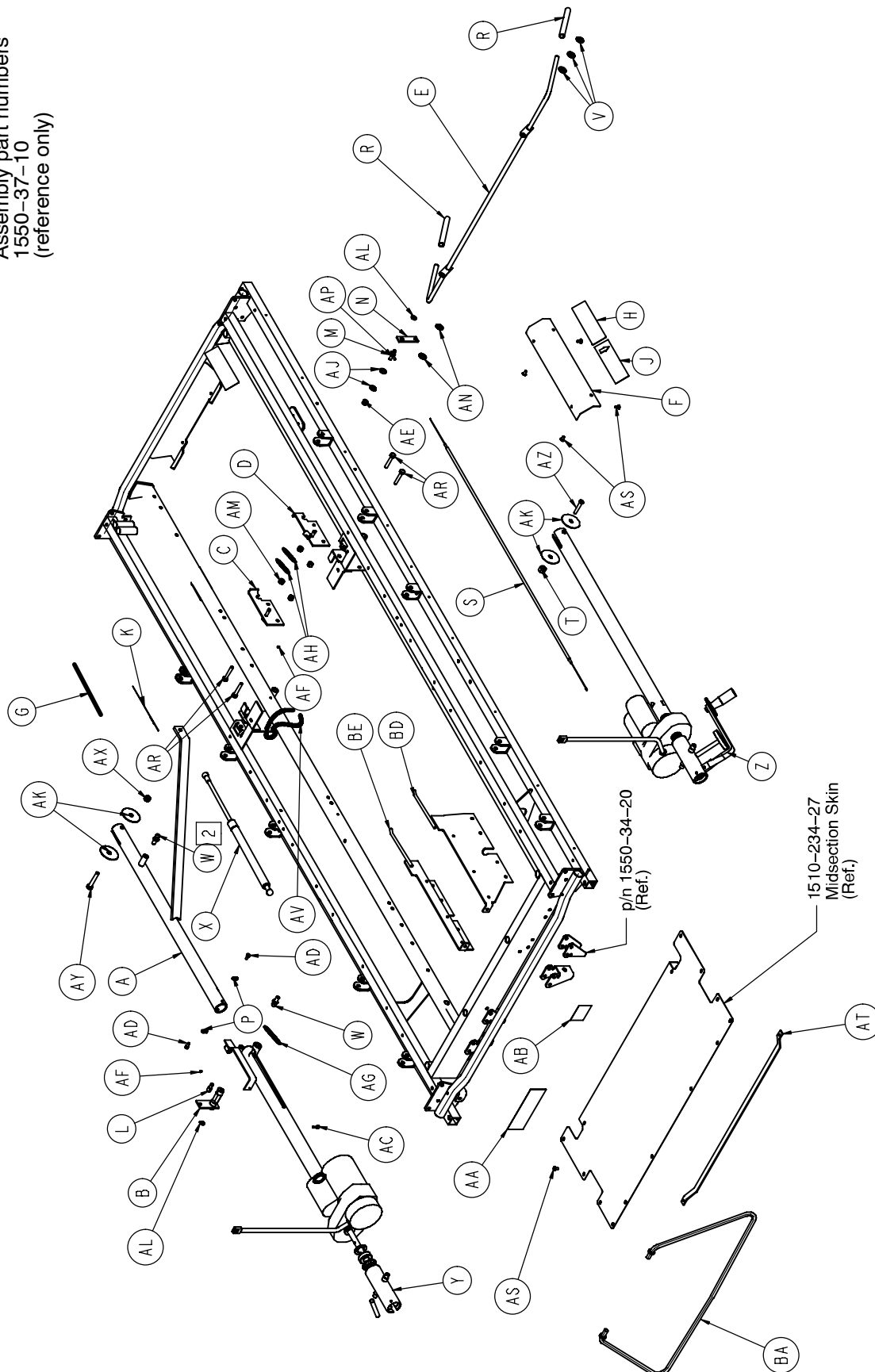
# 1550-234-5 Gatch Crankscrew Ass'y, Non-Quick Drop



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1550-34-14	Crk/Coupler Hsg. Ass'y, Lt.	1	N	26-149	Roll Pin	1
B	1550-34-1	Crank Coupler	1	P	26-179	Spiral Pin	1
C	38-286	Compression Spring	1	R	1550-1-16	Crank Handle	1
D	28-299	Snap Ring	2	S	1550-1-14	Magnet	1
E	81-174	Washer	2	T	1550-1-19	Crank Knob	1
F	2020-1-529	Nylon Spacer	2	V	26-168	Spiral Pin	1
H	2020-1-532	Bearing Collar	1	W	4-131	But. Hd. Cap Screw	2
J	81-213	Bronze Shoulder Bushing	2	X	4-32	Soc. Hd. Cap Screw	1
K	11-45	Nylon Washer	1	Y	378-24-29	Shoulder Bolt	1
L	81-212	Thrust Bearing	1	Z	16-78	Centerlock Nut	1
M	14-44	Steel Thrust Washer	2	AA	1550-234-25	Gat. Act. w/Drive Tube	1

# Fowler Only Quick Drop Assembly

Assembly part numbers  
1550-37-10  
(reference only)



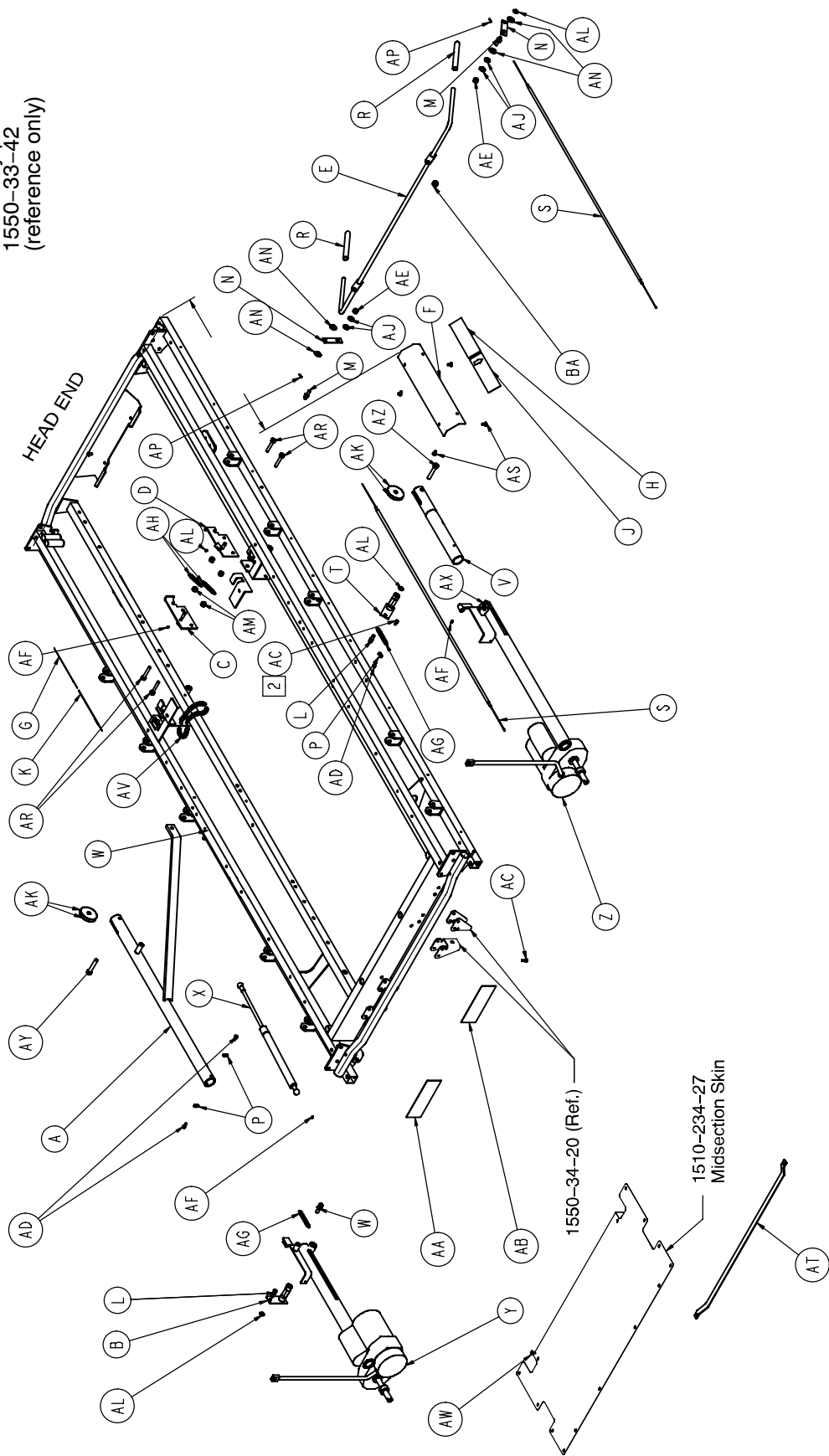
# Fowler Only Quick Drop Assembly

---

Item	Part No.	Part Name	Qty.
A	1550-33-28	Drive Bar Weldment	1
B	1550-33-14	Fow. Crkscre. Detent Ass'y	1
C	1550-33-25	Quick Drop Brkt. Ass'y, Rt.	1
D	1550-33-26	Quick Drop Brkt. Ass'y, Lt.	1
E	1550-33-19	Release Arm Weldment	1
F	1550-33-20	Handle Guard	2
G	1550-33-36	Release Label, Rt.	1
H	1550-33-37	Release Label, Lt.	1
J	1550-37-15	Fow. Emer. Drop Label, Lt.	1
K	1550-37-16	Fow. Emer. Drop Label, Rt.	1
L	1550-33-11	Spring/Cable Pin	1
M	1550-33-18	Cable Retainer	1
N	1550-33-16	Cable Return Arm	1
P	1550-33-29	Guide Spacer	2
R	37-200	Handle Grip	2
S	1550-33-9	Fowler/Gatch Rel. Cable	1
T	16-35	Nylock Nut	1
V	14-21	Nylon Washer	3
W	1550-31-2	Threaded End Fitting	2
X	1550-31-1	Fowler Gas Cylinder	1
Y	(page 98)	Fowler Crankscrew Ass'y	1
Z	(page 93)	Gatch Crankscrew Ass'y	1
AA	1550-90-23	Fow. Q. Drop Reset Label	1
AB	1550-90-34	Gatch Engage Label	1
AC	4-5	Soc. Hd. Cap Screw	1
AD	4-29	Soc. Hd. Cap Screw	2
AE	16-47	Nylock Nut	1
AF	21-8	Set Screw	2
AG	38-285	Extension Spring	1
AH	38-284	Extension Spring	2
AJ	11-77	Washer	2
AK	14-55	Washer	4
AL	28-114	Retaining Ring	2
AM	16-28	Nylock Nut	4
AP	37-95	End Cap	1
AR	3-47	Hex Hd. Cap Screw	4
AS	25-79	Pop Rivet	10
AT	1550-34-22	Cable Guide	1
AV	59-75	Cable Tie	1
AX	16-36	Flexlock Nut	1
AY	3-68	Hex Hd. Cap Screw	1
AZ	4-108	Hex Hd. Cap Screw	1
BA	1710-34-127	Calf Stand Bar	1
BD	1001-34-29	Slider Support, Left	1
BE	1001-34-30	Slider Support, Right	1

# Quick Drop Fowler & Gatch Assembly

Assembly part number  
1550-33-42  
(reference only)

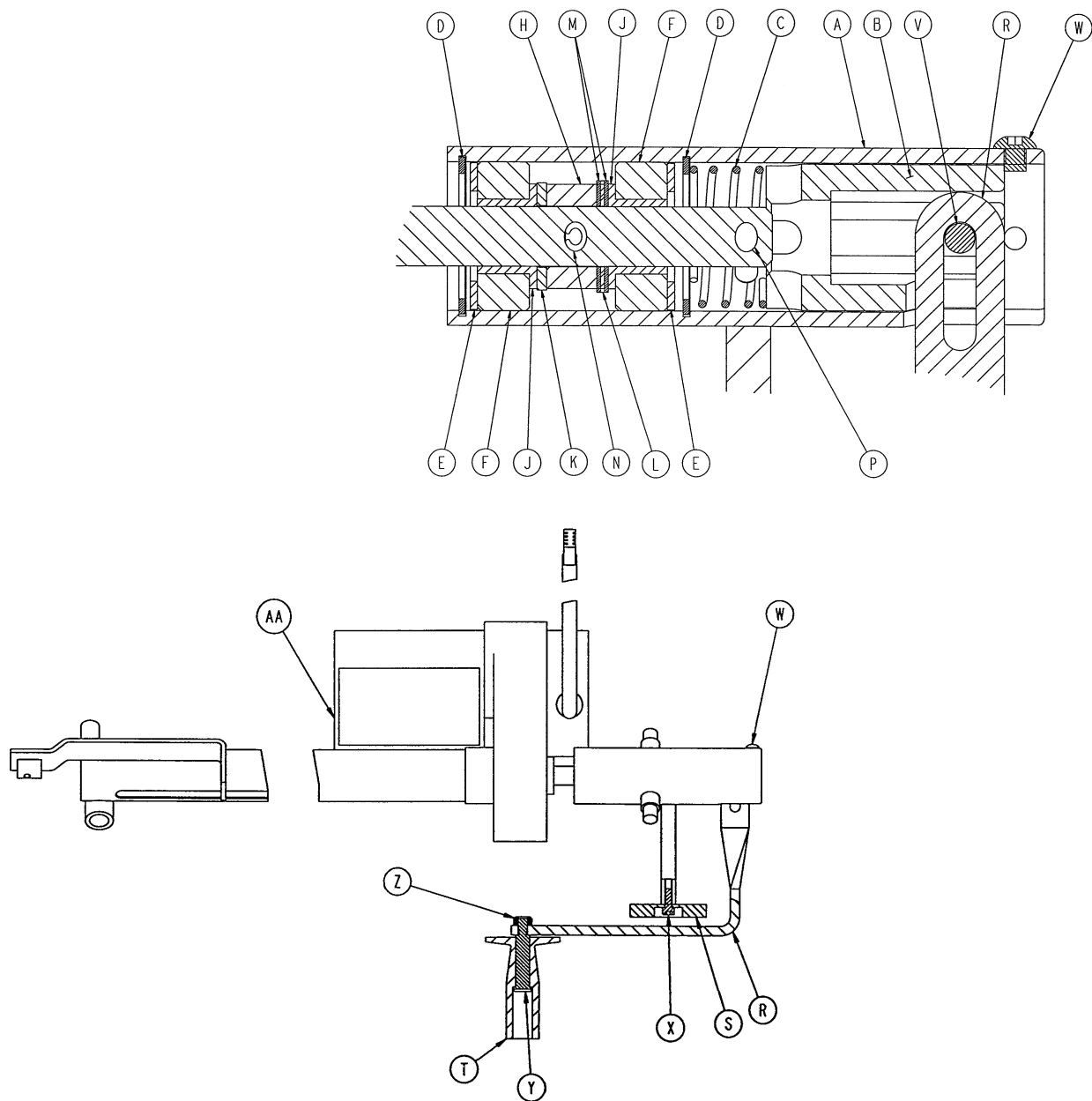


# Quick Drop Fowler & Gatch Assembly

---

Item	Part No.	Part Name	Qty.
A	1550-33-28	Drive Bar Weldment	1
B	1550-33-14	Fowler Crksr. Detent Ass'y	1
C	1550-33-25	Quick Drop Brkt. Ass'y, Rt.	1
D	1550-33-26	Quick Drop Brkt. Ass'y, Lt.	1
E	1550-33-19	Release Arm Weldment	1
F	1550-33-20	Handle Guard	2
G	1550-33-36	Right Release Label	1
H	1550-33-37	Left Release Label	1
J	1550-33-38	E-Drop Release Label, Left	1
K	1550-33-43	E-Drop Release Label, Right	1
L	1550-33-11	Spring/Cable Pin	2
M	1550-33-18	Cable Retainer	2
N	1550-33-16	Cable Return Arm	2
P	1550-33-29	Drive Tube Stop	3
R	37-200	Vinyl Cap	2
S	1550-33-9	Fowler/Gatch Release Cable	2
T	1550-34-16	Gatch Detent Arm Ass'y	1
V	1550-34-7	Knee Gatch Ckscr. Extension	1
W	1550-31-2	Threaded End Fitting	2
X	1550-31-1	Fowler Gas Cylinder	1
Y	(page 98)	Fow. Ckscr. Ass'y, w/ Act.	1
Z	(page 99)	Gat. Ckscr. Ass'y, w/ Act.	1
AA	1550-90-23	Reset Label, Fowler	1
AB	1550-90-24	Reset Label, Gatch	1
AC	4-5	Soc. Hd. Cap Screw	2
AD	4-29	Soc. Hd. Cap Screw	3
AE	16-47	Nylock Nut	2
AF	21-8	Set Screw	4
AG	38-285	Extension Spring	2
AH	38-284	Extension Spring	2
AJ	11-77	Washer	4
AK	14-55	Washer	4
AL	28-114	Retaining Ring	4
AM	16-28	Nylock Nut	4
AN	14-21	Washer	4
AP	37-95	End Cap	2
AR	3-47	Hex Hd. Cap Screw	4
AS	25-79	Pop Rivet	10
AT	1550-34-22	Cable Guide	1
AV	59-75	Nylon Cable Tie	2
AX	16-36	Flexlock Nut	3
AY	3-68	Hex Hd. Cap Screw	1
AZ	4-108	Hex Hd. Cap Screw	1
BA	16-35	Nylock Nut	1

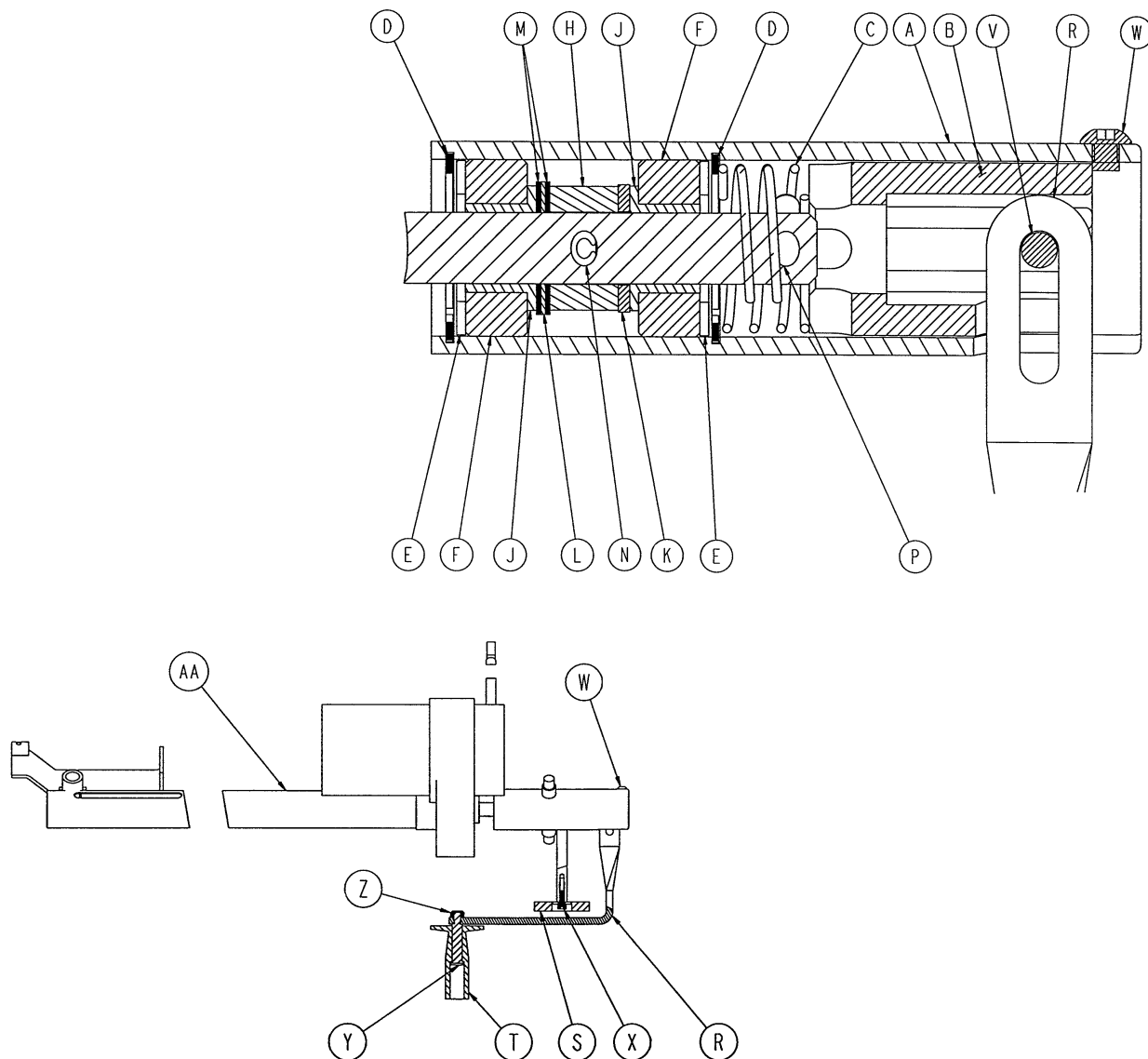
# 1550-33-30 Fowler Crankscrew Assembly, Quick Drop



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1550-34-13	Crk/Coupler Hsg. Ass'y, Rt.	1	N	26-149	Roll Pin	1
B	1550-34-1	Crank Coupler	1	P	26-179	Spiral Pin	1
C	38-286	Compression Spring	1	R	1550-1-16	Crank Handle	1
D	28-299	Snap Ring	2	S	1550-1-14	Magnet	1
E	81-174	Washer	2	T	1550-1-19	Crank Knob	1
F	2020-1-529	Nylon Spacer	2	V	26-168	Spiral Pin	1
H	2020-1-532	Bearing Collar	1	W	4-131	But. Hd. Cap Screw	2
J	81-213	Bronze Shoulder Bushing	2	X	4-32	Soc. Hd. Cap Screw	1
K	11-45	Nylon Washer	1	Y	378-24-29	Shoulder Bolt	1
L	81-212	Thrust Bearing	1	Z	16-78	Centerlock Nut	1
M	14-44	Steel Thrust Washer	2	AA	1550-33-45	Fow. Act. w/Drive Tube	1



# 1550-34-5 Gatch Crankscrew Assembly, Quick Drop

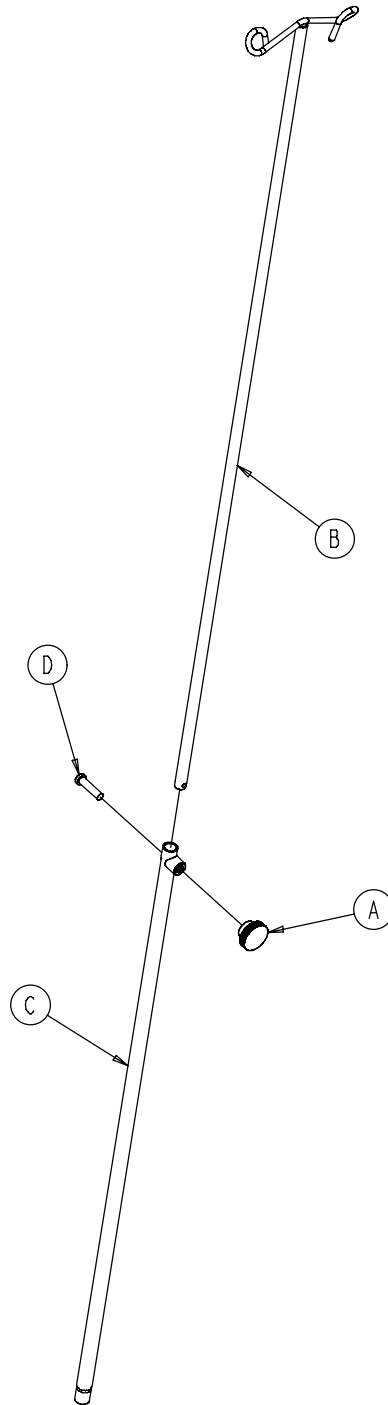


Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1550-34-14	Crk/Coupler Hsg. Ass'y, Lt.	1	N	26-149	Roll Pin	1
B	1550-34-1	Crank Coupler	1	P	26-179	Spiral Pin	1
C	38-286	Compression Spring	1	R	1550-1-16	Crank Handle	1
D	28-299	Snap Ring	2	S	1550-1-14	Magnet	1
E	81-174	Washer	2	T	1550-1-19	Crank Knob	1
F	2020-1-529	Nylon Spacer	2	V	26-168	Spiral Pin	1
H	2020-1-532	Bearing Collar	1	W	4-131	But. Hd. Cap Screw	2
J	81-213	Bronze Shoulder Bushing	2	X	4-32	Soc. Hd. Cap Screw	1
K	11-45	Nylon Washer	1	Y	378-24-29	Shoulder Bolt	1
L	81-212	Thrust Bearing	1	Z	16-78	Centerlock Nut	1
M	14-44	Steel Thrust Washer	2	AA	1550-34-25	Gat. Act. w/Drive Tube	1

# 390-25 Standard, Removable I.V. Pole Assembly

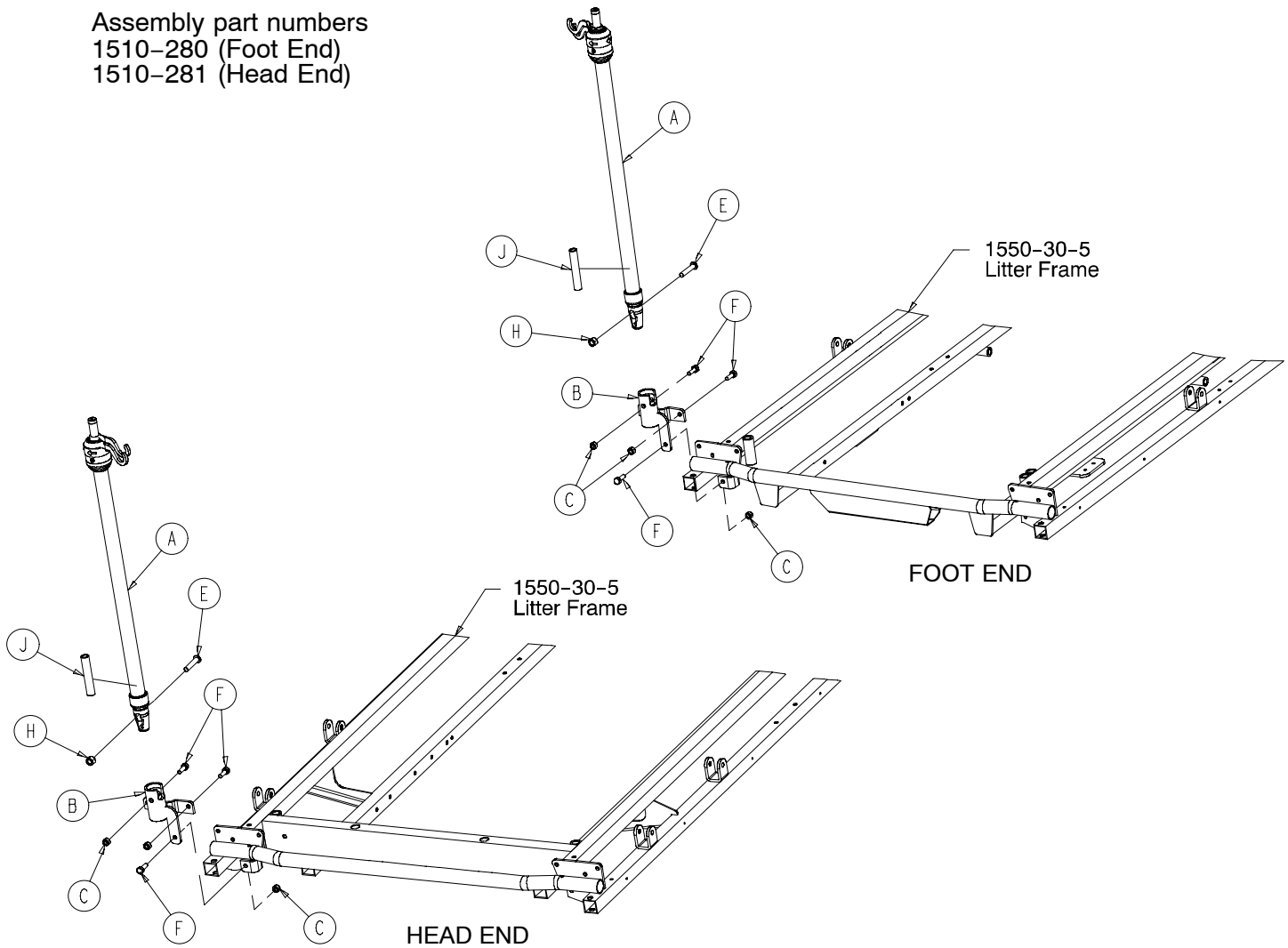
---

Item	Part No.	Part Name	Qty.
A	24-23	Plastic Knob	1
B	390-3-53	Double I.V. Ass'y	1
C	393-3-43	Tube Assembly	1
D	4-496	Soc. Hd. Cap Screw	1



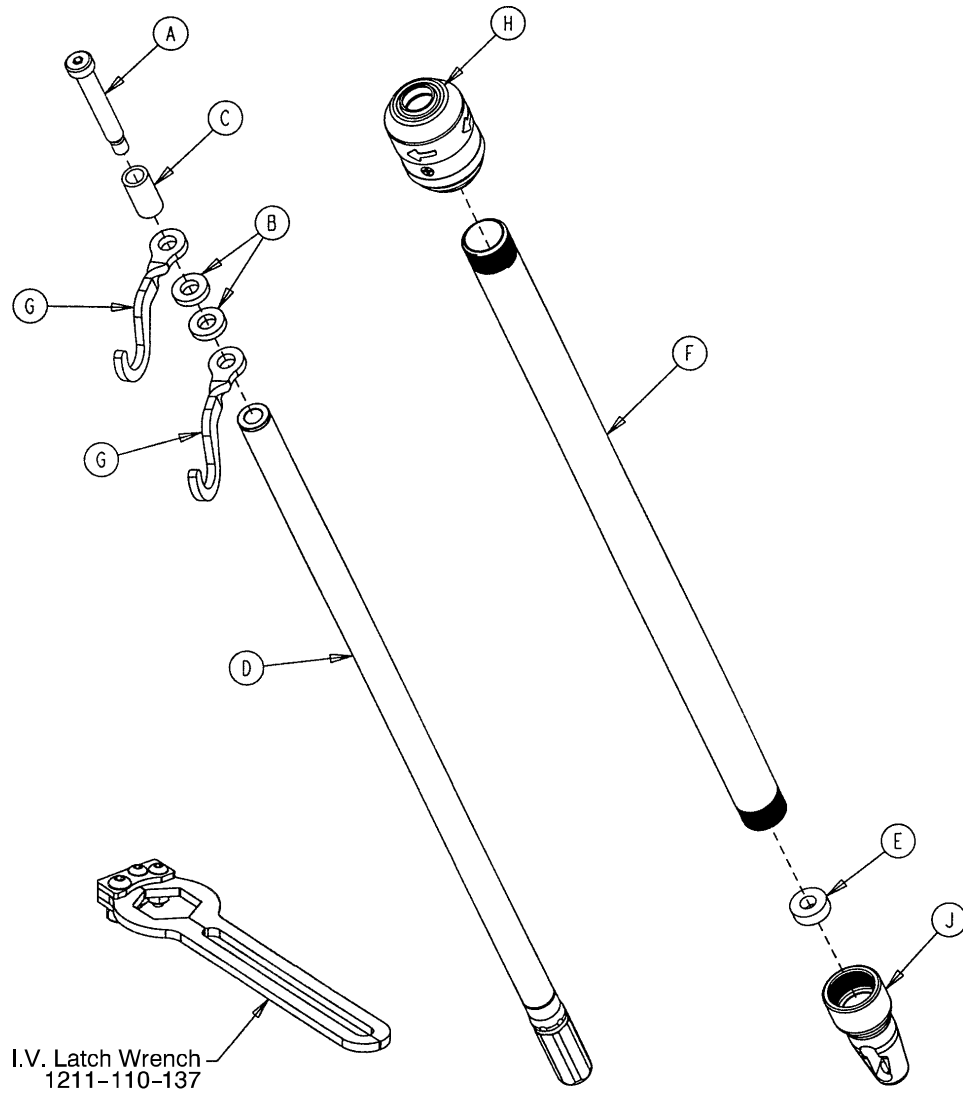
# Optional 2-Stage I.V. Pole Mounting Assembly

Assembly part numbers  
1510-280 (Foot End)  
1510-281 (Head End)



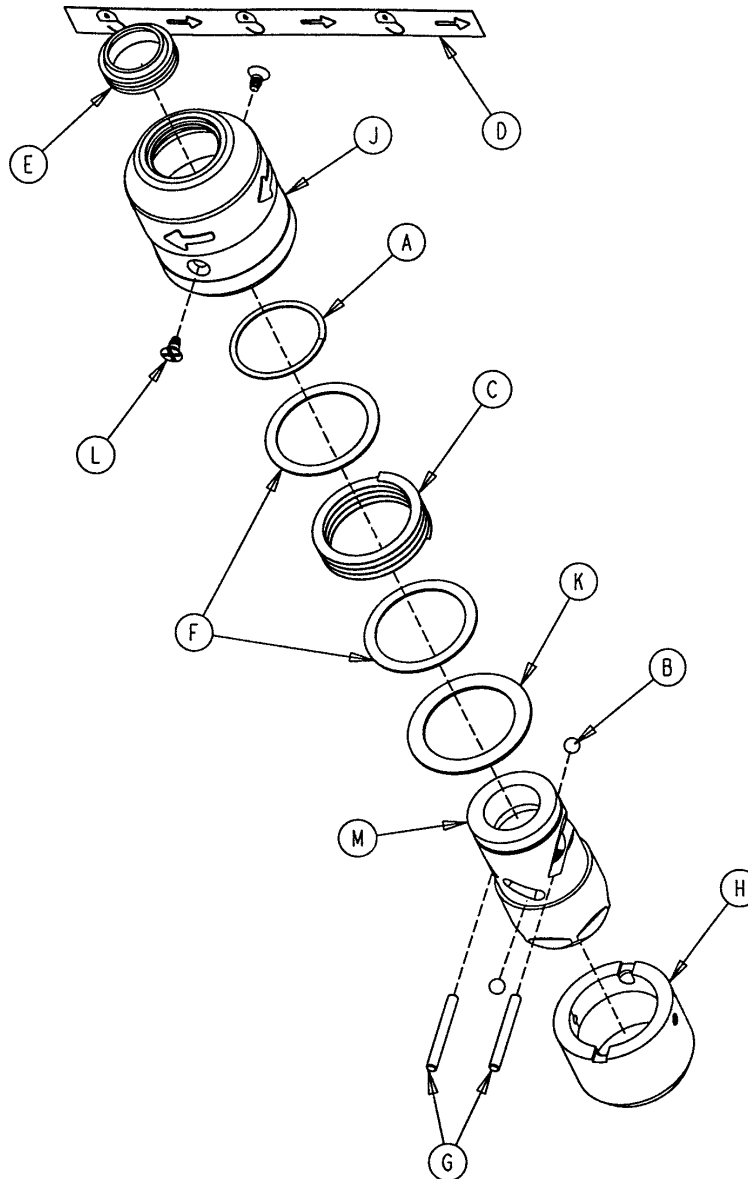
Item	Part No.	Part Name	Qty.
A	( <a href="#">page 102</a> )	I.V. Pole Assembly	1
B	1001-259-103	I.V. Pivot	1
C	0016-118-000	Nyock Nut	3
E	0004-452-000	But. Hd. Cap Screw	1
F	0003-356-000	Hex Hd. Cap Screw	2
H	0016-116-000	Flexlock Nut	1
J	1509-110-001	I.V. Plug	1

# 1211-210-10 Optional 2-Stage I.V. Pole Assembly



Item	Part No.	Part Name	Qty.
A	8-31	Soc. Hd. Cap Screw	1
B	52-17	Washer	2
C	926-400-162	Spacer	1
D	1211-210-29	2nd Stage Assembly	1
E	1001-359-13	Dampener	1
F	1001-159-28	Base Tube	1
G	1010-59-16	I.V. Hook	2
H	(page 103)	I.V. Pole Latch	1
J	1001-359-112	Pivot	1

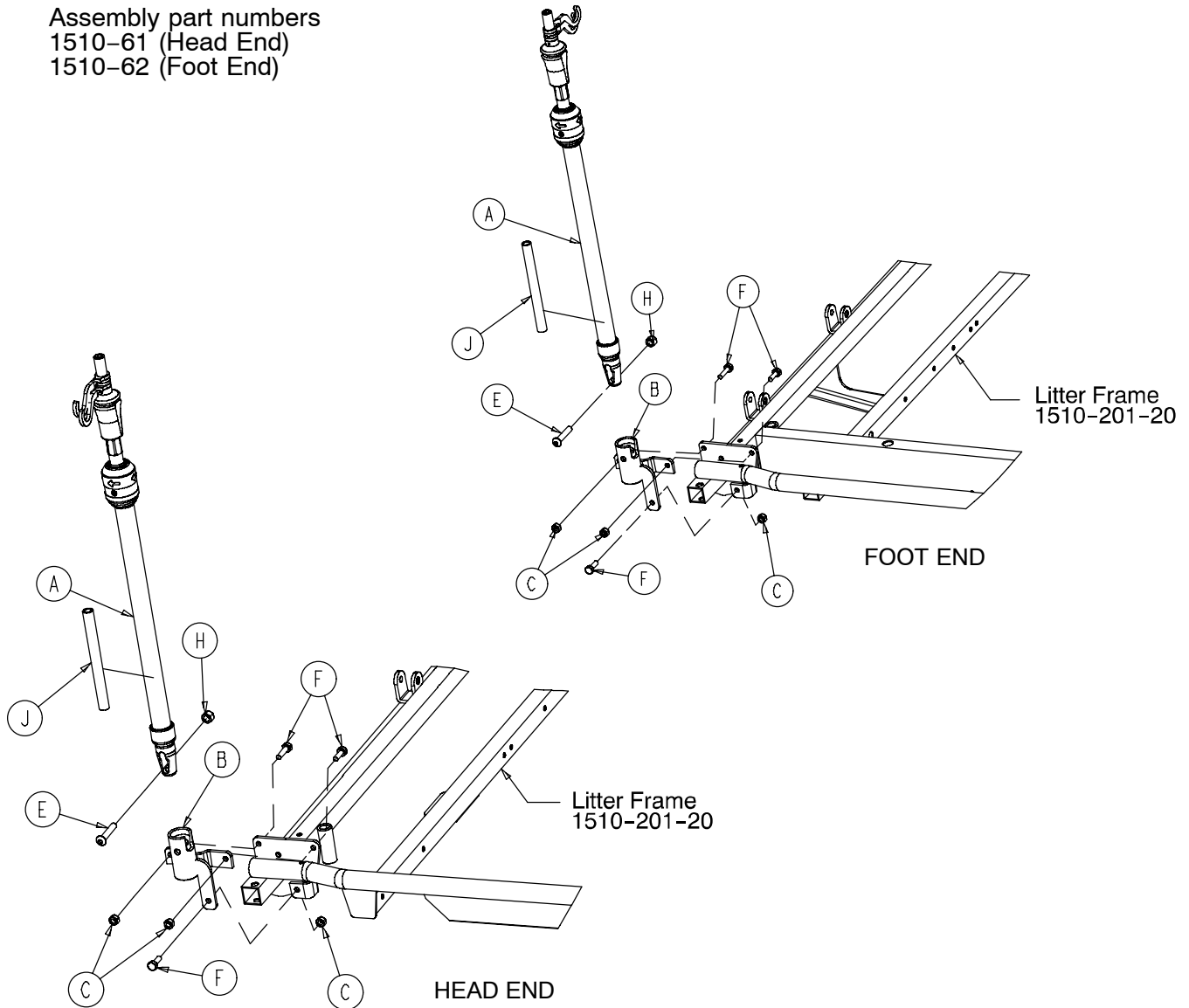
# 1211-210-26 Optional I.V. Pole Latch Assembly



Item	Part No.	Part Name	Qty.
A	28-167	Retaining Ring	1
B	31-4	Steel Ball	2
C	38-392	Crest-to-Crest Spring	1
D	1211-91-34	Release Label	1
E	1211-110-18	I.V. Latch Seal	1
F	1211-110-20	Washer	2
G	1211-110-21	I.V. Latch Locking Pin	2
H	1211-110-22	I.V. Latch Guide	1
J	1211-110-24	I.V. Latch O.D. Housing	1
K	1211-110-35	Washer	1
L	1211-110-36	Self-Tapping Screw	2
M	1211-210-23	I.V. Latch I.D. Housing	1

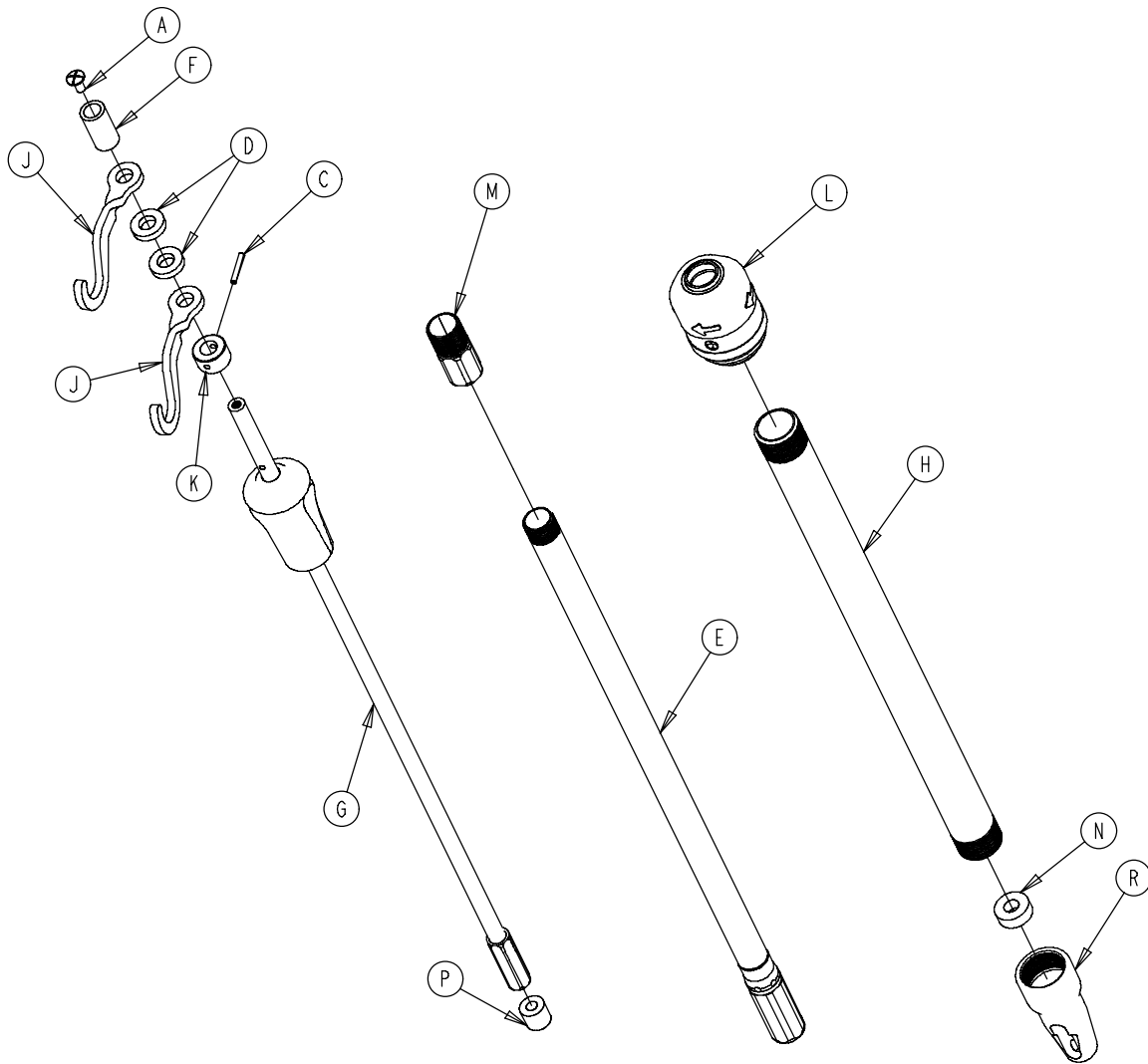
# Optional 3-Stage I.V. Mounting Assembly

Assembly part numbers  
1510-61 (Head End)  
1510-62 (Foot End)



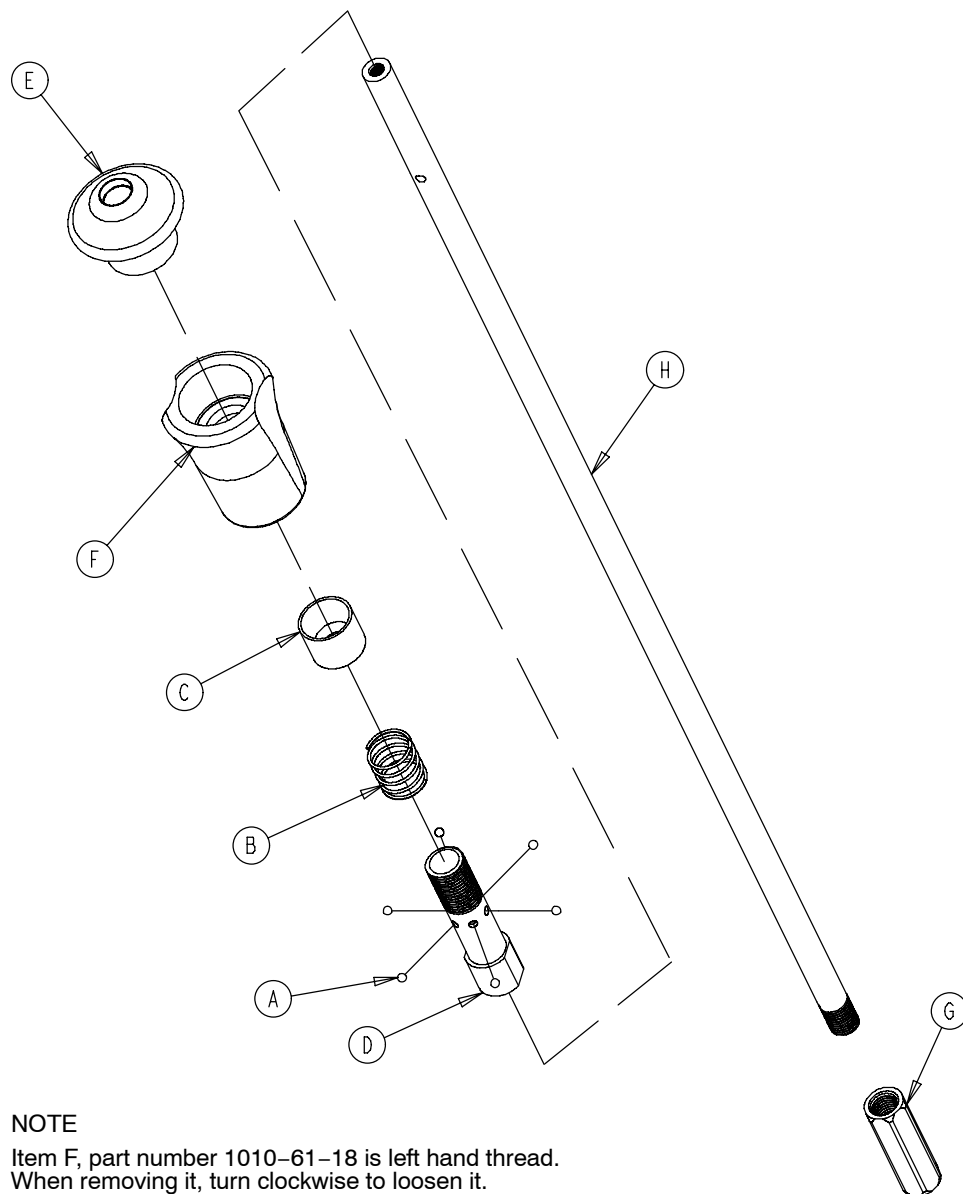
Item	Part No.	Part Name	Qty.
A	(page 105)	I.V. Pole Assembly	1
B	1001-259-103	I.V. Pivot	1
C	16-28	Fiberlock Nut	3
E	4-199	But. Hd. Cap Screw	1
F	3-50	Hex Hd. Cap Screw	3
H	16-11	Flexlock Nut	1
J	1501-110-1	I.V. Plug	1

# 1211-211-10 Optional 3-Stage I.V. Pole Assembly



Item	Part No.	Part Name	Qty.
A	7-4	Truss Hd. Machine Screw	1
C	26-76	Roll Pin	1
D	52-17	Spacer	2
E	1211-210-31	2nd Stage Assembly	1
F	926-400-162	Spacer	1
G	( <a href="#">page 106</a> )	3rd Stage Assembly	1
H	1001-161-23	Base Tube	1
J	1010-59-16	I.V. Hook	2
K	1010-61-14	Collar	1
L	( <a href="#">page 103</a> )	I.V. Pole Latch	1
M	1211-110-16	Threaded Adaptor	1
N	1001-359-13	Dampener	1
P	1001-359-14	Dampener	1
R	1001-359-112	Pivot	1

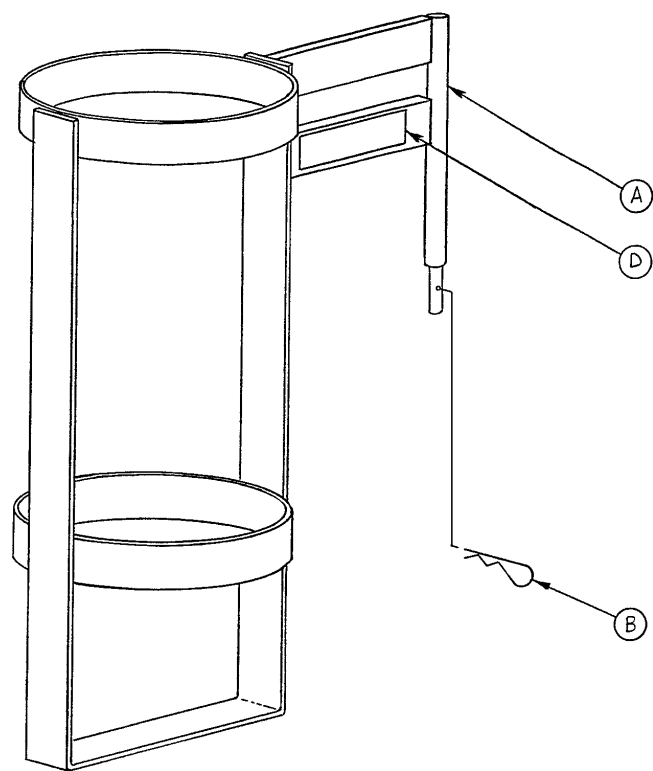
# 1211-110-32 Optional 3rd Stage Assembly



Item	Part No.	Part Name	Qty.
A	31-21	Ball	6
B	38-303	Compression Spring	1
C	1010-61-13	Ball Retainer	1
D	1010-61-16	Retaining Shaft	1
E	1010-61-17	Thumb Knob	1
F	1010-61-18	Hand Guard	1
G	1211-110-117	Nut	1
H	1211-110-33	3rd Extension Rod	1

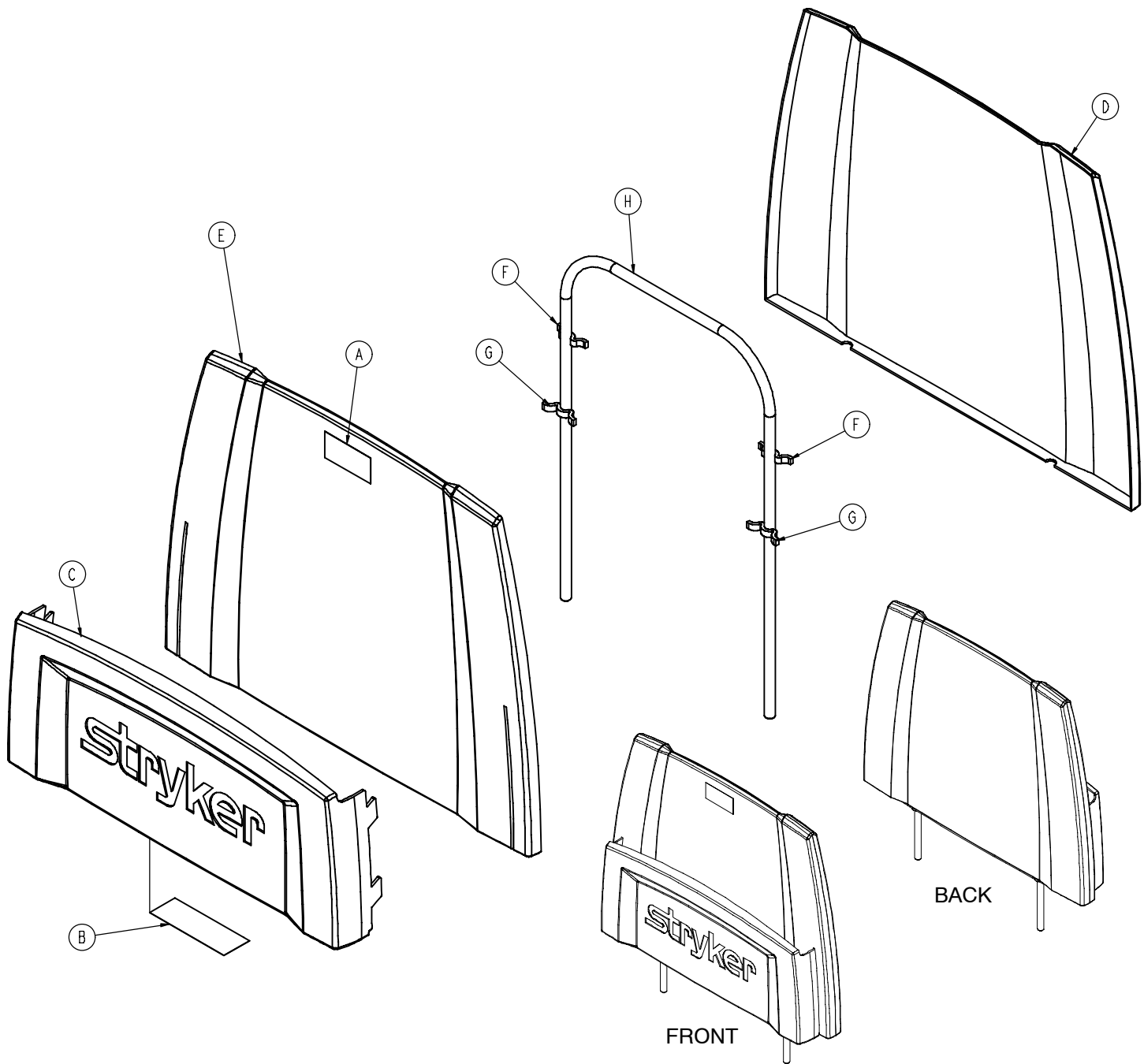


# 1020-30 Optional Upright Oxygen Bottle Holder Ass'y



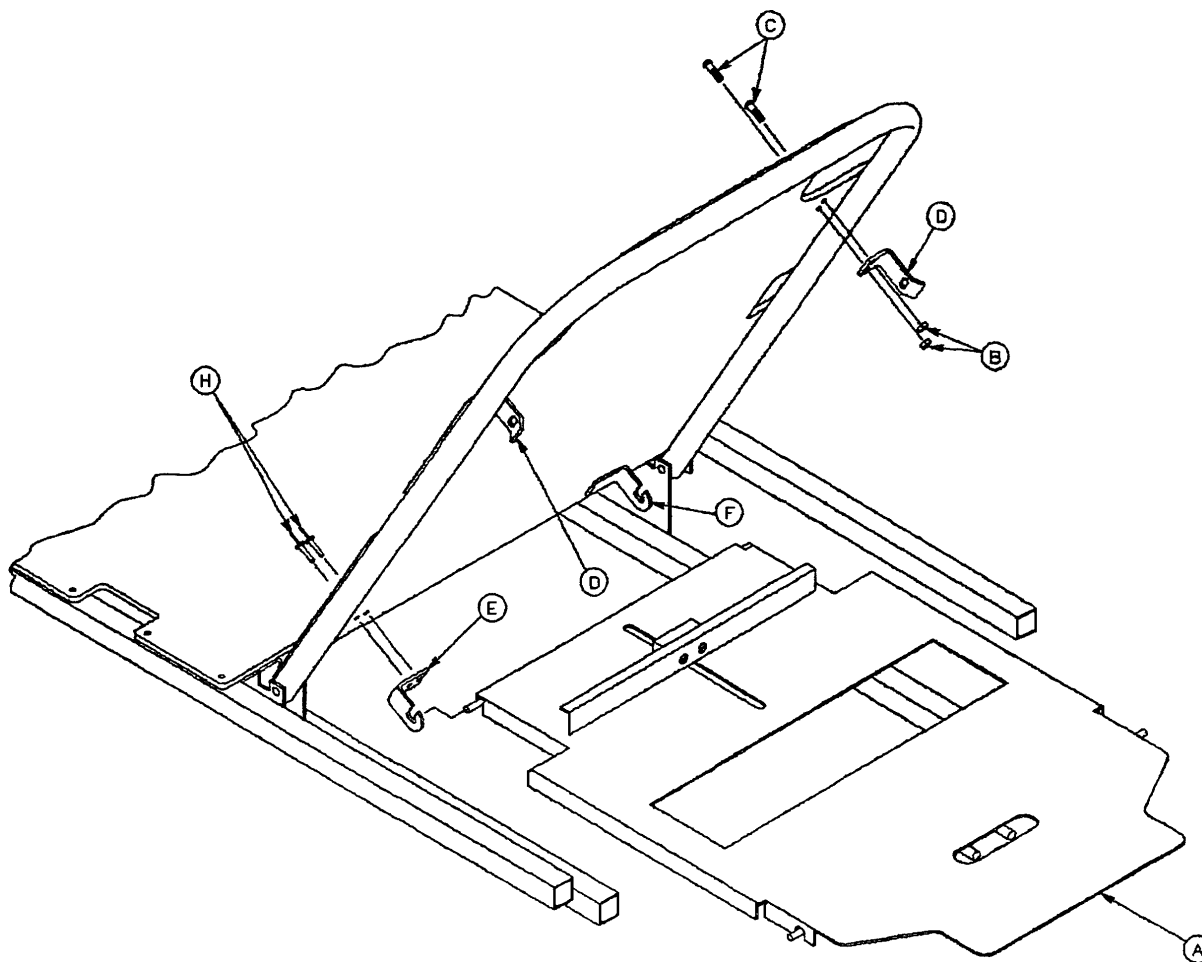
Item	Part No.	Part Name	Qty.
A	1020-30-11	Upright Bottle Holder	1
B	27-12	Cotter Pin	1
D	1020-30-17	Specification Label	1

# 0785-045-500 Foot Board/Chartholder Assembly



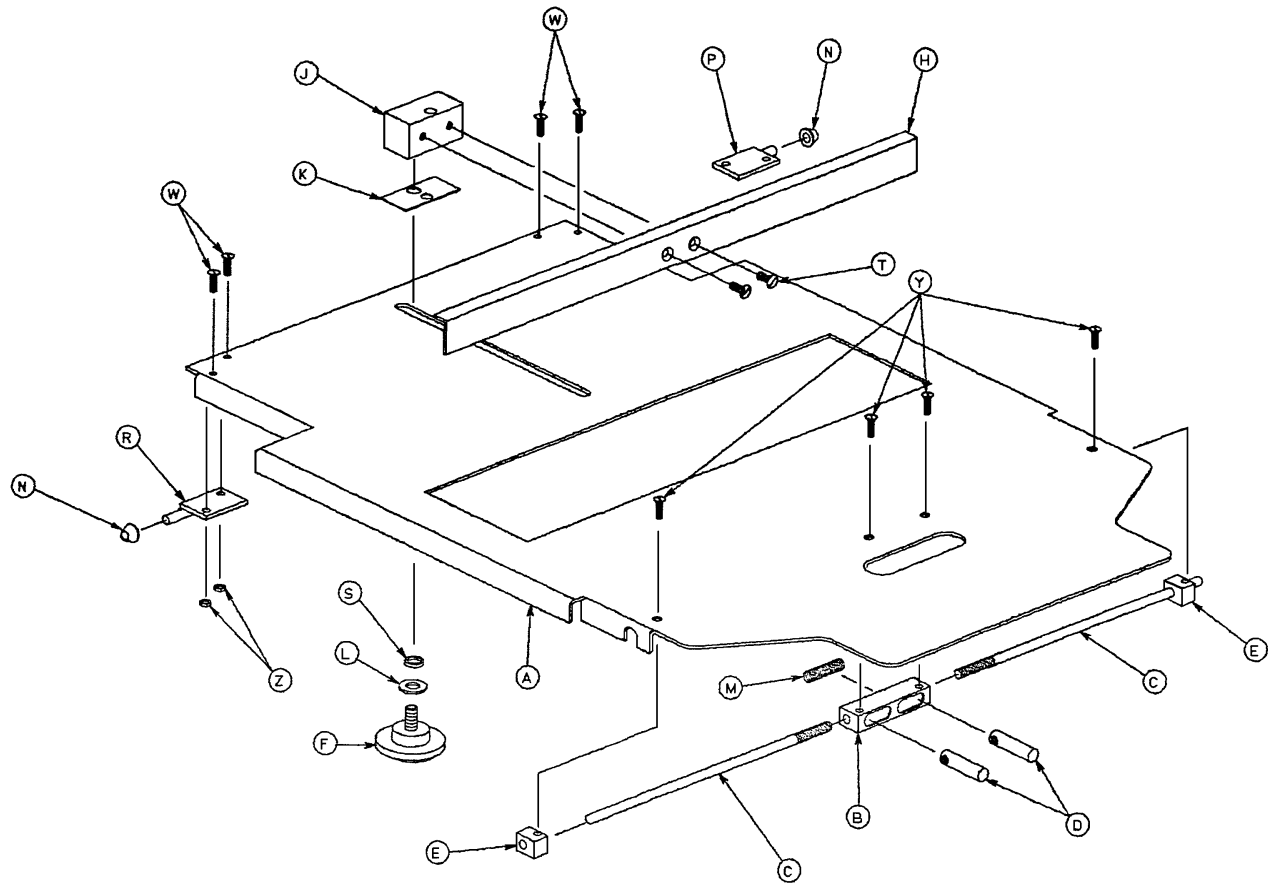
Item	Part No.	Part Name	Qty.
A	0785-045-402	Push/Pull Label	1
B	0785-045-501	Foot Board Label	1
C	0785-045-511	Chartholder	1
D	0785-045-512	Foot Board Back	1
E	0785-045-513	Foot Board Front	1
F	0785-045-514	Small Standoff	2
G	0785-045-515	Large Standoff	2
H	0946-029-010	Support Weldment	1

# 1001-23 Optional X-Ray Cassette Mounting Assembly



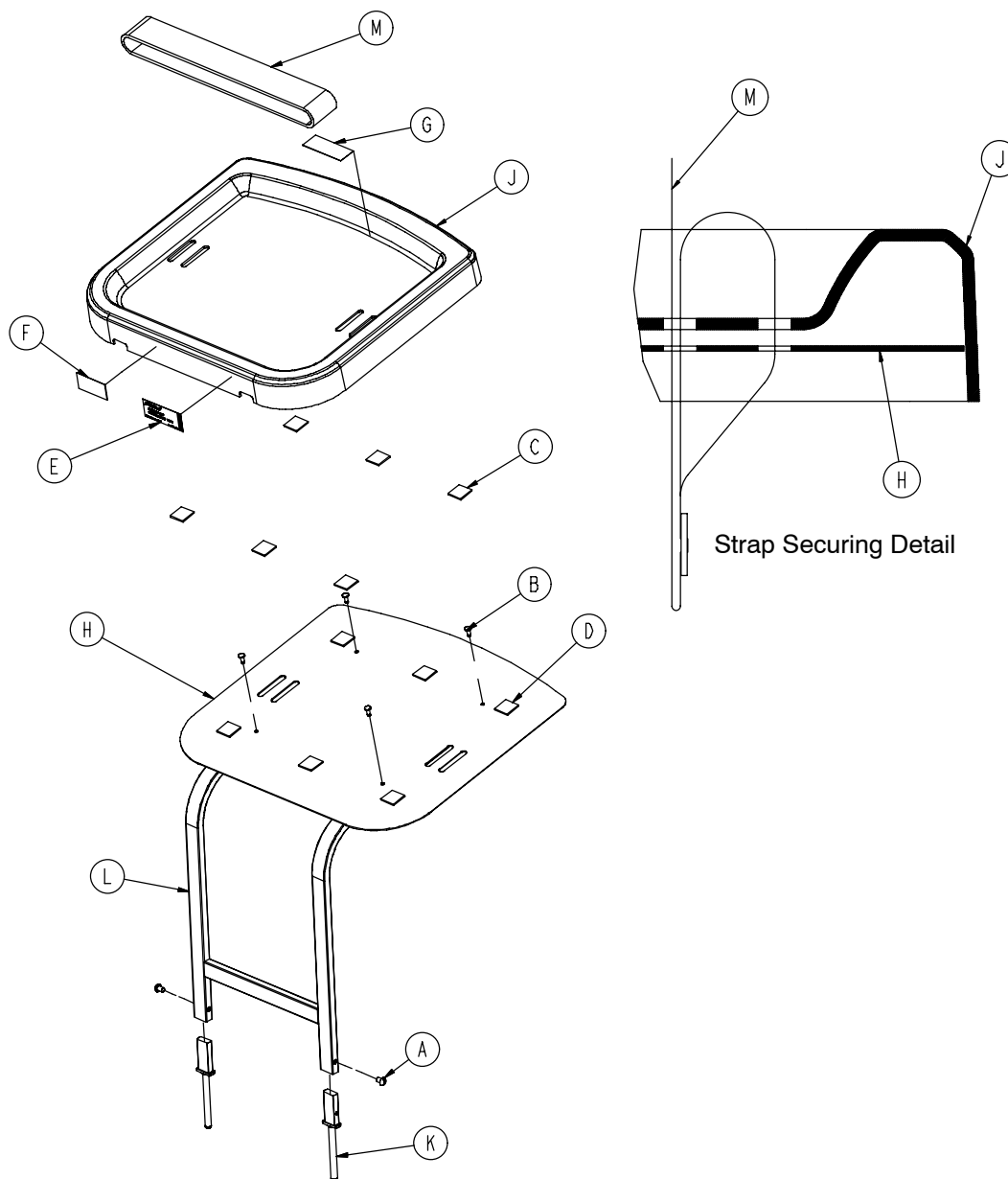
Item	Part No.	Part Name	Qty.
A	(page 110)	X-Ray Cassette Ass'y	1
B	16-121	Self-Locking Nut	4
C	4-456	Button Hd. Cap Screw	4
D	1001-23-13	Tray Latch	2
E	1020-23-13	Tray Hinge, Right	1
F	1020-23-12	Tray Hinge, Left	1
H	25-86	Pop Rivet	4

# 1001-23-10 Optional Fowler X-Ray Cassette Ass'y



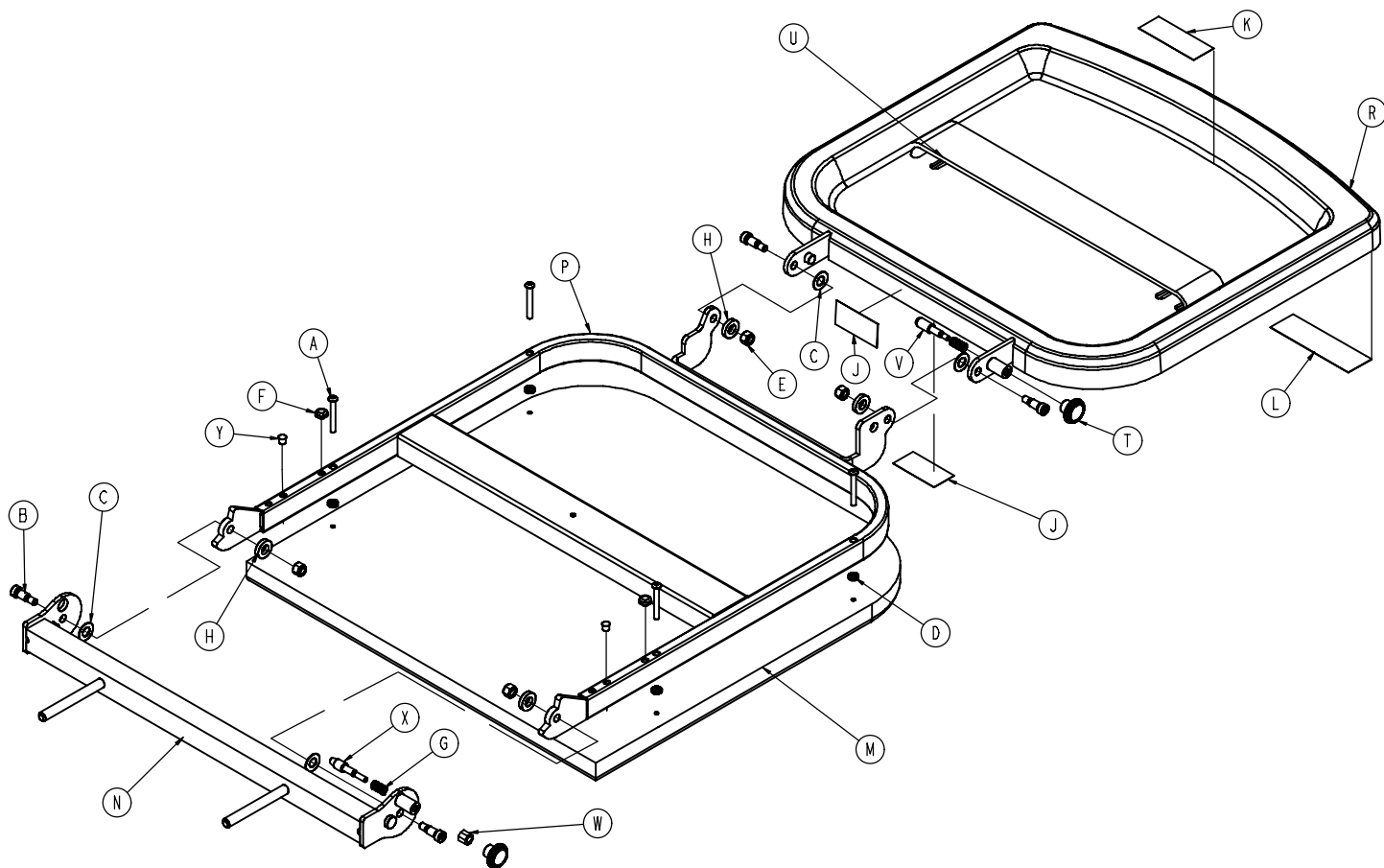
Item	Part No.	Part Name	Qty.
A	1001-23-12	Tray	1
B	1020-23-16	Post Housing	1
C	1001-23-14	Actuating Rod	2
D	926-23-64	Post	2
E	1010-23-37	Rod Guide	2
F	1020-23-21	Knob	1
H	1010-23-28	Tray Angle	1
J	926-23-70	Block Assembly	1
K	926-23-69	Washer	1
L	14-3	Washer	1
M	38-122	Compression Spring	1
N	1020-23-26	Spacer	2
P	1020-23-19	Tray Hinge, Right	1
R	1020-23-20	Tray Hinge, Left	1
S	926-23-71	Bushing	1
T	1-20	Flat Hd. Mach. Screw	2
W	4-149	Button Hd. Cap Screw	4
Y	1-22	Flat Hd. Mach. Screw	4
Z	16-3	Nylock Hex Nut	4
AA	1010-23-19	Instruction Label	1
AB	1001-23-25	Specification Label	1

# 0785-045-200 Defibrillator Tray Assembly



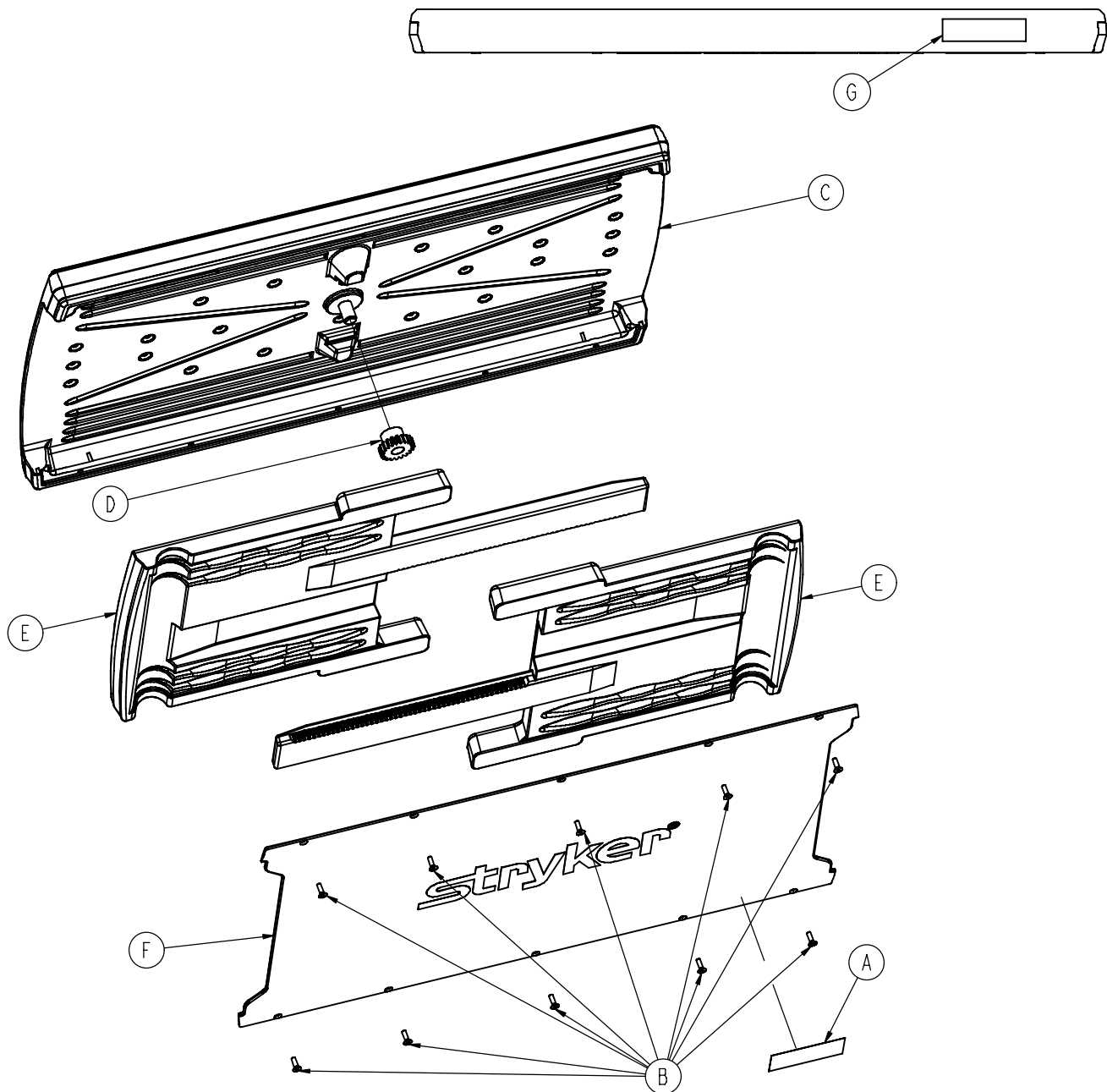
Item	Part No.	Part Name	Qty.
A	0002-044-000	Round Hd. Machine Screw	2
B	0025-055-000	Rivet	4
C	0029-008-000	Dual Lock	6
D	0029-010-000	Dual Lock	6
E	0785-045-201	Defib Tray Label	1
F	0785-045-402	Push/Pull Label	1
G	0785-045-403	Weight Capacity Label	1
H	0785-045-204	Tray Support	1
J	0785-045-207	Tray	1
K	0785-045-208	Bayonet	1
L	0785-045-210	Frame Weldment	1
M	1010-050-021	Long Strap	1

# 0785-045-400 Defib Tray/Foot Extender/Foot Board



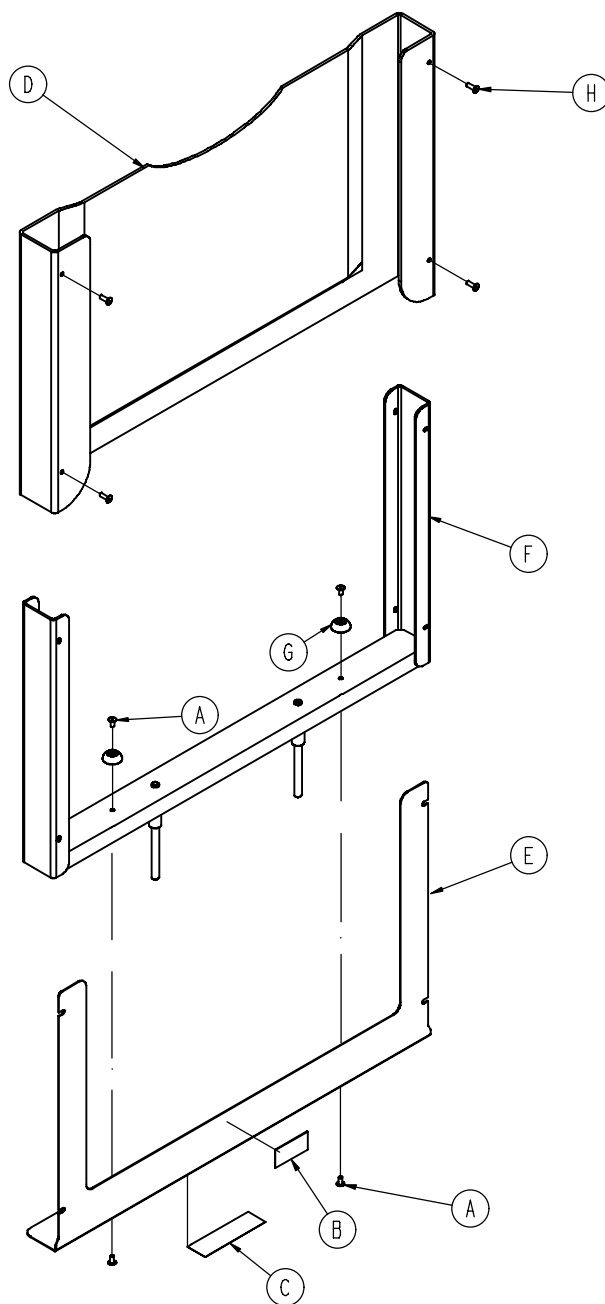
Item	Part No.	Part Name	Qty.
A	0004-215-000	But Hd. Cap Screw	4
B	0008-049-000	Soc. Hd. Cap Screw	4
C	0014-020-000	Washer	4
D	0014-120-000	Washer	4
E	0016-028-000	Hex Nut	4
F	0037-052-000	Rubber Bumper	2
G	0038-133-000	Compression Spring	2
H	0052-017-000	Spacer	4
J	0785-045-402	Push/Pull Label	2
K	0785-045-403	Weight Capacity Label	1
L	0785-045-401	Foot Extender/Defib Tray Label	1
M	0785-045-405	Cushion	1
N	0785-045-410	Base Mounting Weldment	1
P	0785-045-420	Frame Pivot Weldment	1
R	0785-045-430	Tray	1
T	0785-045-450	Knob	2
U	1010-050-021	Long Strap	1
V	1010-050-242	Lock Pin	1
W	1010-050-250	Lock Adjuster	1
X	1010-050-248	Lower Pin Lock	1
Y	0721-031-065	Hole Plug	2

# 0785-045-700 Optional Serving Tray Assembly



Item	Part No.	Part Name	Qty.
A	0785-045-701	Serving Tray Label	1
B	0785-045-704	Flat Hd. Torx Screw	10
C	0785-045-705	Serving Tray Top	1
D	0785-045-706	Serving Tray Pinion	1
E	0785-045-710	Serving Tray Slider	2
F	0785-045-715	Serving Tray Cover	1
G	0785-045-403	Weight Capacity Label	1

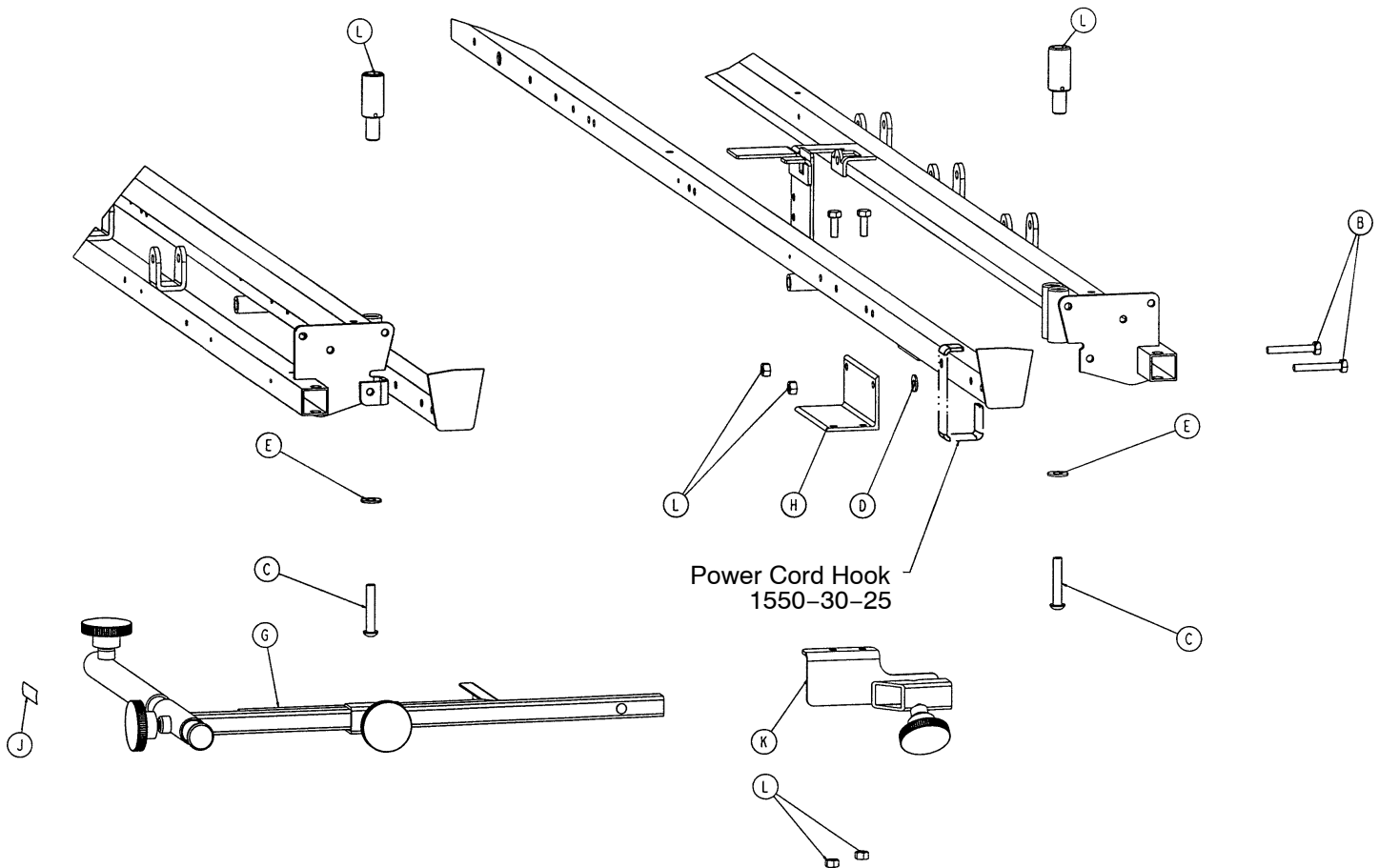
# 0785-045-800 Optional Foot Board/Serving Tray Holder



Item	Part No.	Part Name	Qty.
A	0025-079-000	Rivet	4
B	0785-045-402	Push/Pull Label	1
C	0785-045-801	Serving Tray Holder Label	1
D	0785-045-805	Foot Board	1
E	0785-045-806	Front Plate	1
F	0785-045-810	Foot Board Support Weldment	1
G	0946-001-155	Bumper	2
H	0025-133-000	Dome Head Pop Rivet	4



# 1550-70-101 Optional C-Spine Cassette Holder Ass'y

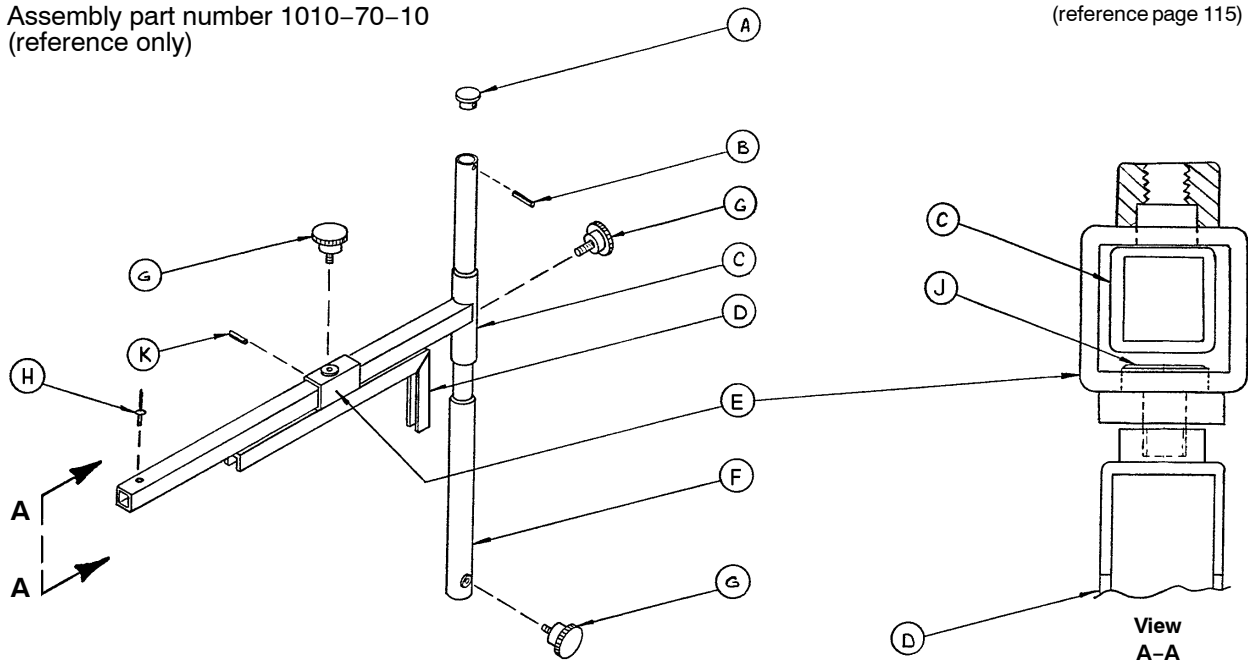


Item	Part No.	Part Name	Qty.
A	3-356	Hex Hd. Cap Screw	2
B	3-359	Hex Hd. Cap Screw	2
C	4-54	But. Hd. Cap Screw	2
D	11-2	Washer	1
E	11-447	Washer	2
F	16-118	Nylock Nut	4
G	(page 116)	Support Pole Assembly	1
H	1001-70-11	Attachment Bracket	1
J	1550-70-18	Specification Label	1
K	(page 117)	Storage Bracket Ass'y	1
L	1010-70-25	I.V. Adaptor	2

# Optional C-Spine Support Pole Assembly

Assembly part number 1010-70-10  
(reference only)

(reference page 115)

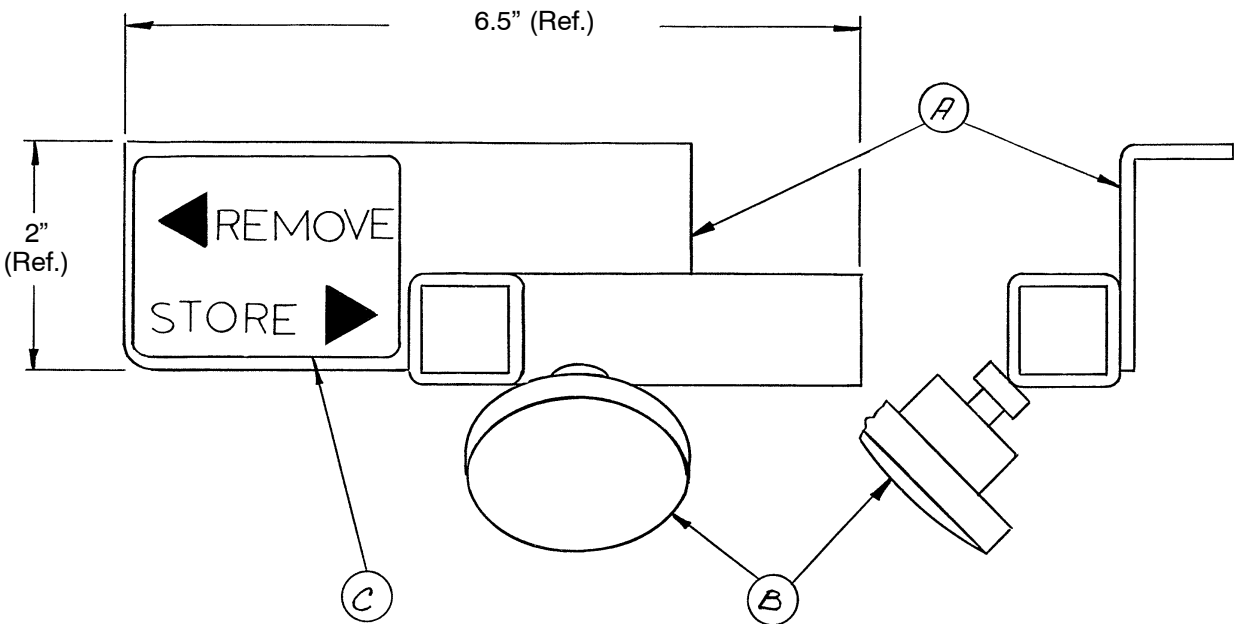


Item	Part No.	Part Name	Qty.
A	1010-70-33	Support Tube Cap	1
B	26-6	Roll Pin	1
C	1010-70-34	Support Arm Weldment	1
D	1010-70-42	Cassette Holder Weldment	1
E	1010-70-50	Adjustment Tube Weldment	1
F	1010-70-30	Base Tube Weldment	1
G	1010-70-45	Knob	3
H	25-55	Pop Rivet	1
J	1010-70-44	Pivot Pin	1
K	26-5	Roll Pin	1

# Optional C-Spine Storage Bracket Assembly

(reference page 115)

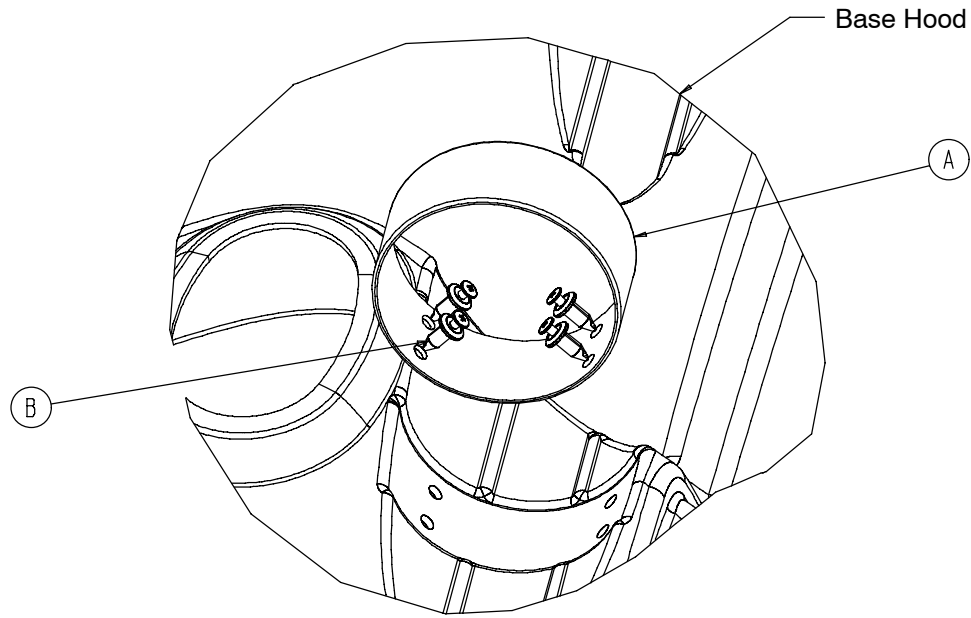
Assembly part number 1010-70-19 (reference only)



Item	Part No.	Part Name	Qty.
A	1010-70-20	Storage Bracket Weldment	1
B	1010-70-45	Knob	1
C	1010-70-23	Storage Label	1

# 1040-10-90 Optional O<sub>2</sub> Bottle Retainer Assembly

---

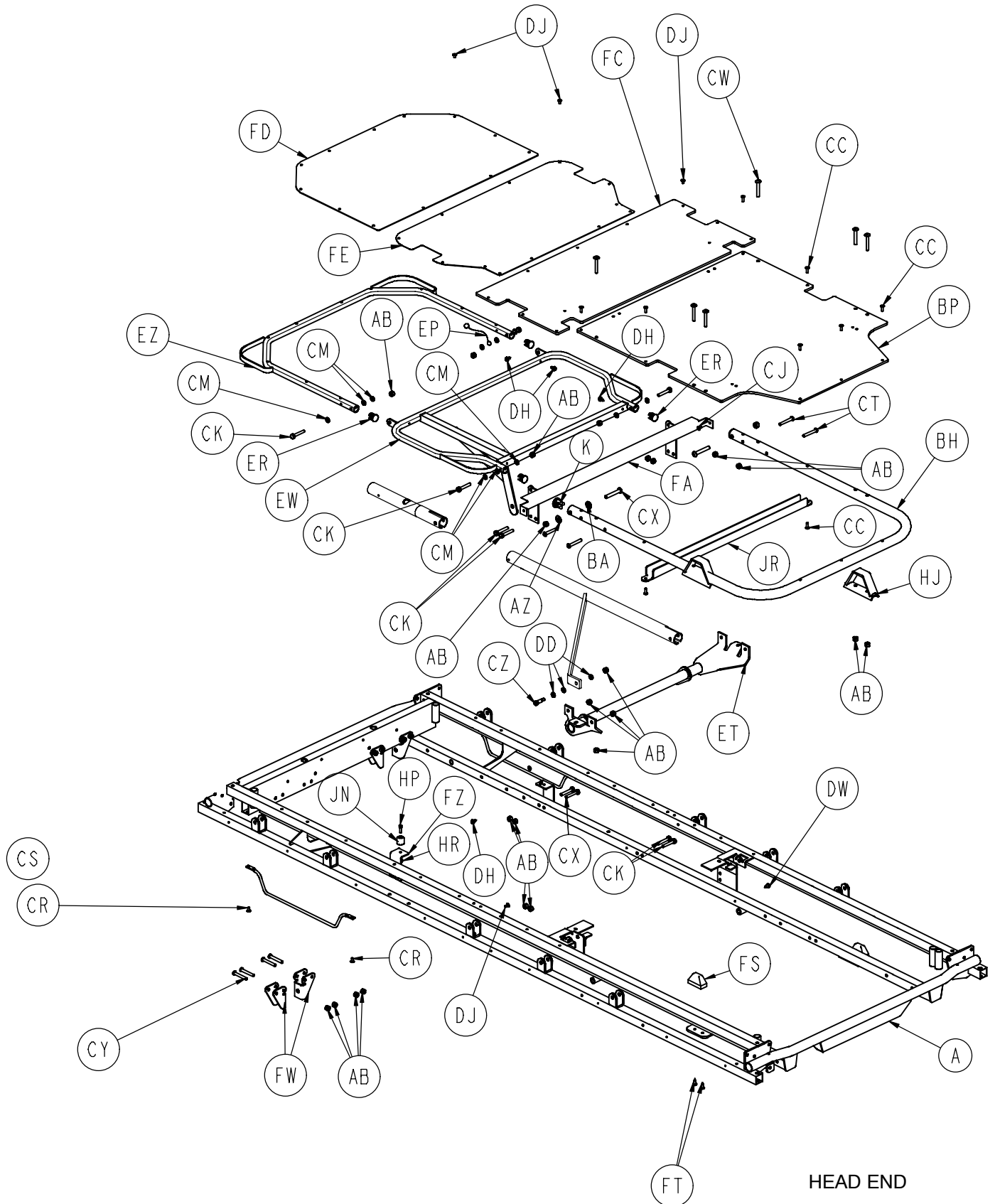


Item	Part No.	Part Name	Qty.
A	1040-10-91	Bottle Retainer	1
B	1040-10-92	Scrulok Fastener	4

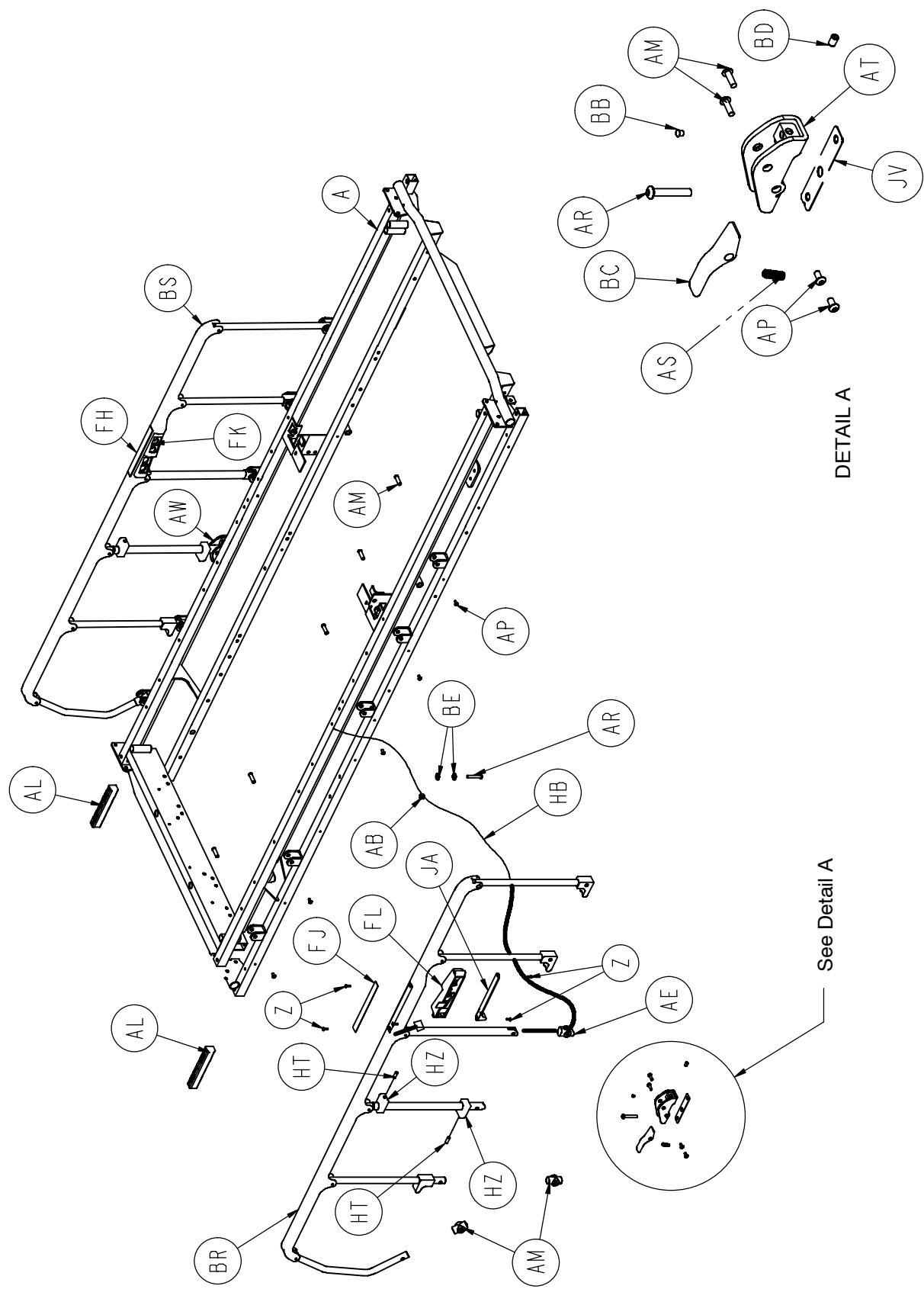
This diagram illustrates the exploded view of a mechanical assembly, likely a conveyor system or a material handling unit. The main components are labeled as follows:

- Frame and Structure:** Labeled with letters such as AB, CD, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

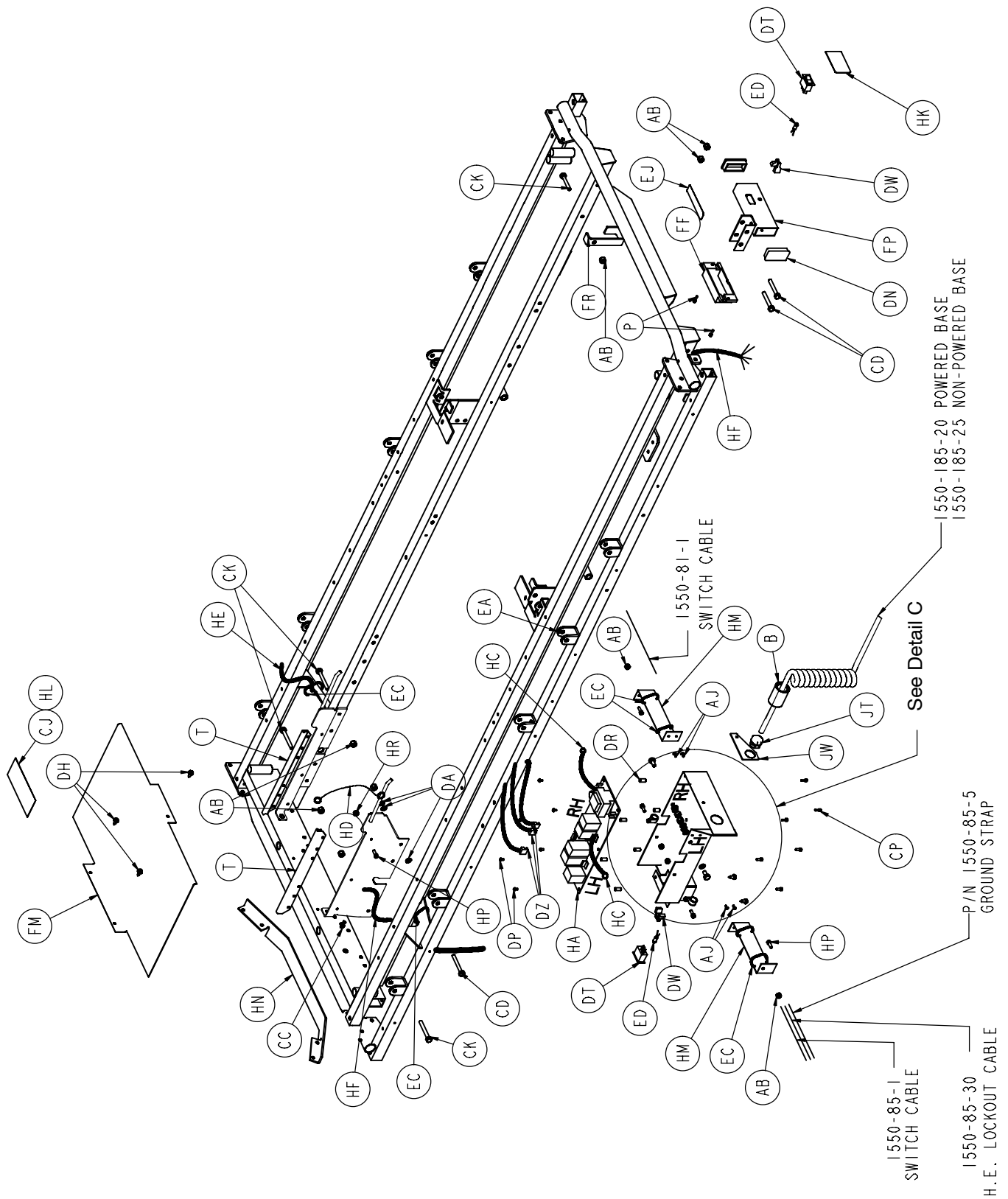
# 1550-330-010 Optional Scale System Assembly



# 1550-330-010 Optional Scale System Assembly

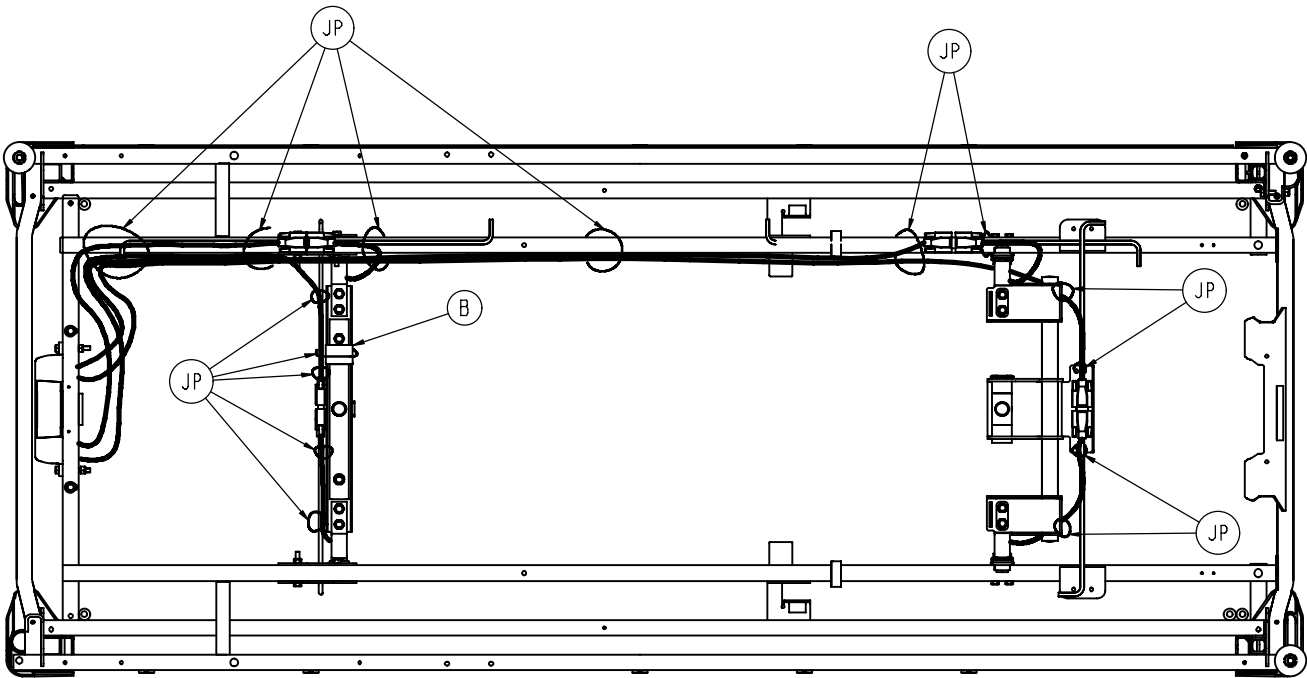
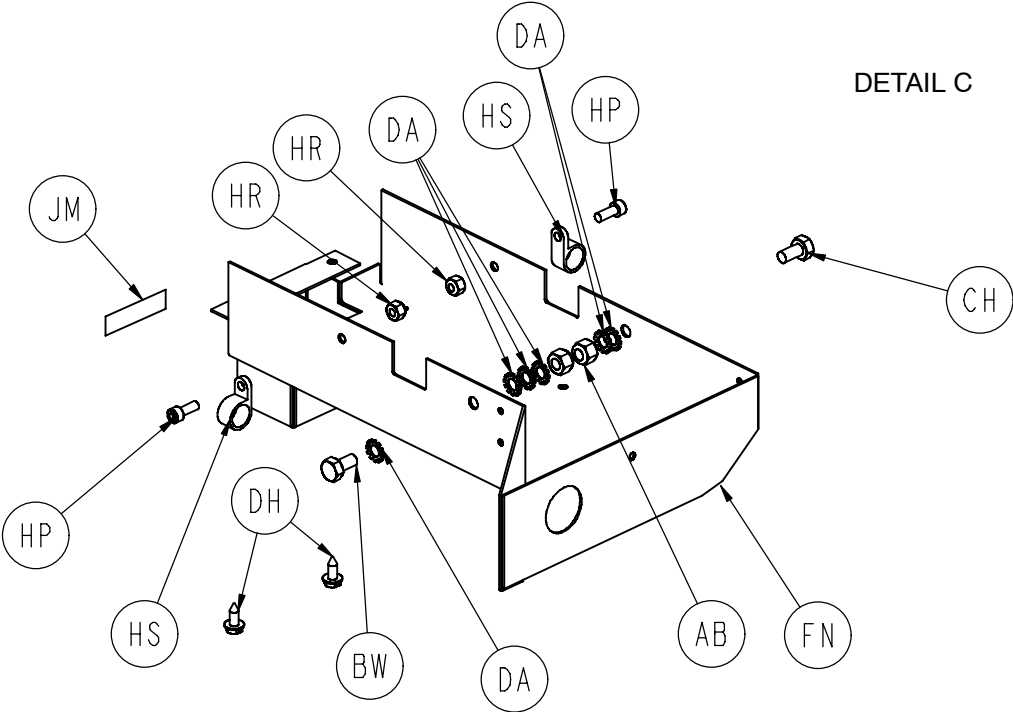


[Return to Table of Contents](#)





# 1550-330-010 Optional Scale System Assembly



Bottom View

# 1550–330–010 Optional Scale System Assembly

Item	Part No.	Part Name	Qty.
A	1550–30–5	Frame Assembly	1
B	1550–85–40	Umbilical Cord Guide	1
C	28–72	Retaining Ring	2
D	1001–40–12	Foot Board Receptacle	2
E	23–104	Self-Tapping Screw	8
F	926–400–142	Corner Wheel	4
J	1010–201–27	Bumper Extrusion	2
J	1010–201–27	Bumper Extrusion	2
K	1001–1–36	End Plug	2
M	49–1	Sq. Hd. Set Screw	2
P	4–100	Soc. Hd. Cap Screw	2
T	1510–34–90	Edge Cover	2
Z	1–110	Flat Hd. Screw	8
AB	16–28	Nylock Nut	61
AD	16–36	Flexlock Nut	4
AE	1550–26–18	Oval Sleeve	2
AH	16–35	Nylock Nut	4
AJ	25–38	Pop Rivet	24
AK	4–201	Soc. Hd. Cap Screw	4
AL	1550–26–24	Lock Support	2
AM	721–26–66	Pivot Screw	14
AN	721–26–69	Upright Sleeve	4
AP	4–515	But. Hd. Cap Screw	14
AR	4–135	But. Hd. Cap Screw	4
AS	38–220	Compression Spring	2
AT	1010–26–81	Lock Hsg. Ass'y, Lt.	1
AW	1010–26–80	Lock Hsg. Ass'y, Rt.	1
AZ	14–21	Nylon Flat Washer	2
BA	11–179	Nylon Flat Washer	6
BB	37–74	Hole Plug	16
BC	721–26–74	Lock Handle, Mach.	2
BD	21–104	Set Screw	2
BE	11–2	Flat Washer	3
BH	1501–31–13	Fowler Tube	1
BJ	4–183	Fowler Pivot Bolt	2
BK	1010–201–236	Corner Cover, Hole/Slot	1
BL	1010–201–237	Corner Cover, Hole/Hole	1
BM	1010–201–238	Corner Cover, Slot Only	1
BN	1010–201–239	Corner Cover, Hole Only	1
BP	1510–231–12	Fowler Skin	1
BR	(page 89)	Siderail Assembly, Lt.	1
BS	(page 89)	Siderail Assembly, Rt.	1
BT	946–1–60	Logo Label	1
BW	3–1	Hex Hd. Cap Screw	1
BZ	37–10	Hole Plug	2
CA	1010–254–4	Receptacle Ass'y, Lt.	1
CB	1010–254–6	Receptacle Ass'y, Rt.	1
CC	25–50	Pop Rivet	7
CD	3–78	Hex Hd. Cap Screw	6
CH	3–41	Hex Hd. Cap Screw	2
CJ	1550–90–30	Litter Fuse Label	1
CK	3–47	Hex Hd. Cap Screw	14
CL	37–59	Hole Plug	2

# 1550–330–010 Optional Scale System Assembly

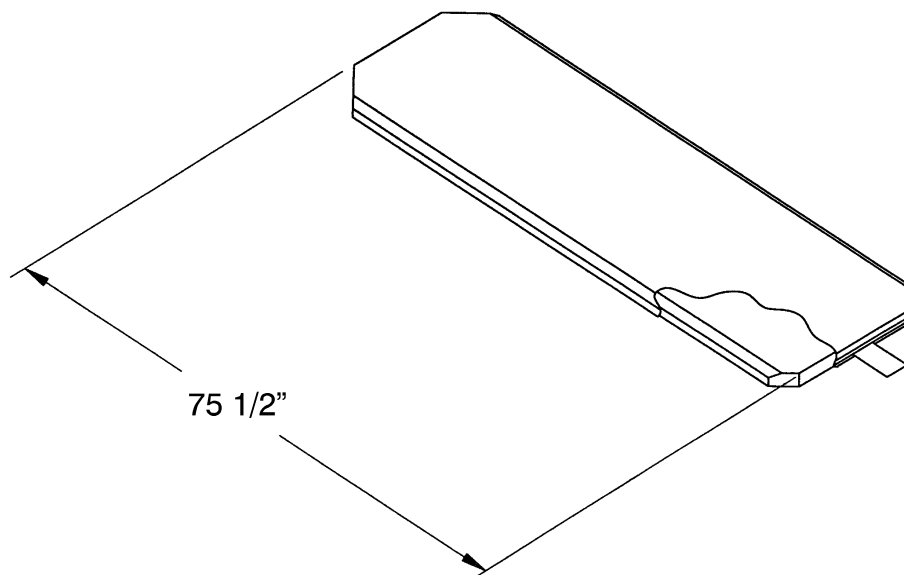
Item	Part No.	Part Name	Qty.
CM	14–3	Washer	12
CP	4–101	Soc. Hd. Cap Screw	6
CS	1010–32–92	Foley Bag Rack	2
CT	4–173	But. Hd. Cap Screw	4
CW	7–20	Truss Hd. Mach. Screw	14
CZ	8–15	Shoulder Bolt	1
DA	13–10	Ext. Tooth Lock Washer	7
DE	1550–90–15	Caution Label	2
DF	16–14	Nylock Nut	2
DH	23–25	Hex Hd. Tap. Screw	9
DJ	25–122	Pop Rivet	44
DK	16–23	Lock Nut	2
DL	26–12	Roll Pin	2
DN	37–49	Hole Plug	2
DP	52–89	Fil. Slotted Nylon Screw	6
DR	52–91	Female Spacer	6
DS	59–54	5– Pin Housing	2
DT	59–68	Rocker Switch	2
DW	59–69	Terminal Faston	4
DZ	59–70	6–Pin Housing	1
EA	59–72	Nylon Key Plug	1
EB	59–74	Strain Relief Bushing	3
EC	59–75	Nylon Cable Tie	6
ED	59–77	Yellow LED	2
EF	36–46	Ground Label	1
EH	59–100	Dome Plug	2
EJ	1550–90–20	O2 Caution Label	2
EP	3001–300–870	Earth Ground Jumper	1
ER	1001–34–25	Hole Plug	4
ES	(page 88)	Push Handle Assembly	2
EW	1501–34–11	Thigh Frame Assembly	1
EZ	1501–34–112	Calf Frame Assembly	1
FA	1501–34–23	Midsection Supt. Ass'y	1
FC	1510–234–27	Midsection Skin	1
FD	1510–234–126	Calf Skin	1
FE	1510–234–28	Thigh Skin	1
FF	1550–1–31	Weigh Board Cover	1
FH	1550–26–9	Top Rail Nurse Label, Rt.	1
FJ	1550–26–10	Top Rail Nurse Label, Lt.	1
FK	1550–026–016	Comp. Hsg. Ass'y, Rt.	1
FL	1550–026–017	Comp. Hsg. Ass'y, Lt.	1
FM	1550–30–22	Board Housing Top	1
FN	1050–30–1	Enclosure Ass'y	1
FP	1550–30–17	Hd. End Lockout Wldmt.	1
FR	1550–30–25	Power Cord Hook	2
FS	1001–31–31	Pneumatic Fowler Rest	2
FT	23–100	Self-Tapping Screw	4
FW	1550–34–20	Crankscrew Mtg. Brkt.	4
FZ	1550–34–21	Thigh Support	2
HA	1550–80–940	Logic Control Board	1
HB	1550–85–1	Switch Cable	2
HC	1550–85–33	Ground	2
HD	1550–85–30	Ground Strap	1
HE	1550–85–37	Ft. End Lockout Cable	1
HF	1550–85–8	Hd. End Lockout Cable	1

# 1550–330–010 Optional Scale System Assembly

---

Item	Part No.	Part Name	Qty.
HJ	1550–33–31	Fowler Supt. Ass'y	2
HK	1550–90–5	Lockout Label	2
HL	1550–90–13	Caution Label	1
HM	1550–30–30	Side Support	2
HN	1550–30–15	Motor Bracket	1
HP	4–7	Soc. Hd. Cap Screw	4
HR	16–3	Fiberlock Nut	4
HS	34–255	Cable Clamp	2
HT	21–171	Set Screw	4
HJ	1550–33–31	Fowler Supt. Ass'y	2
HK	1550–90–5	Lockout Label	2
HL	1550–90–13	Caution Label	1
HM	1550–30–30	Side Support	2
HN	1550–30–15	Motor Bracket	1
HP	4–7	Soc. Hd. Cap Screw	4
HR	16–3	Fiberlock Nut	4
HS	34–255	Cable Clamp	2
JG	1070–17–115	Lift Header Assembly, HE	1
JH	1070–17–170	Lift Header Assembly, FE	1
JJ	1070–137–20	Scale Display Assembly	1
JK	1070–37–903	Label Specification	1
JL	1070–137–902	Scale Usage Label	1
JM	1070–37–905	Patient Controls Label	1
JN	1070–14–9	Bumper	2
JP	3000–300–113	Cable Tie	14
JR	1070–12–11	Bracket, Support, Fowler	1
JS	11–77	Washer	2
JT	59–106	Heyco 1497	1
JU	4–484	Button Head Cap Screw	2
JV	1010–26–103	Spring Retainer	2
JW	1050–30–8	Hole Reducer Bracket	1

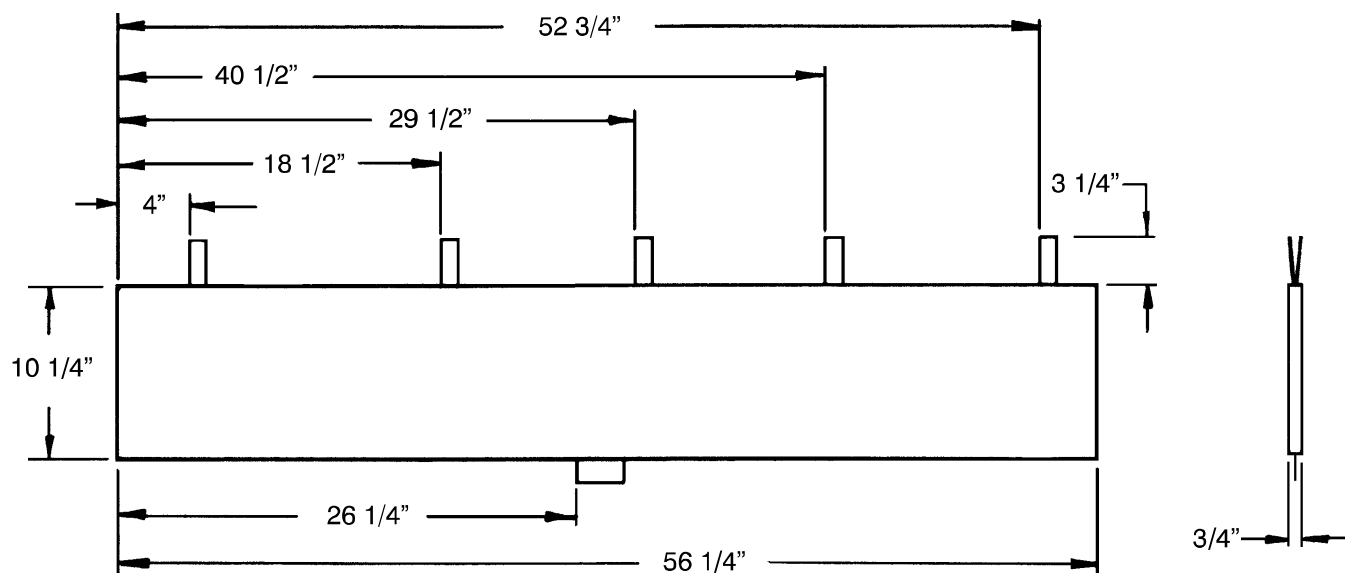
# Mattress and Siderail Pads



Mattress, 4" Thick x 31" Wide ..... part # 1550-430-40

Mattress, 4" Thick x 31" Wide, Enhanced Comfort ..... part # 1550-40

Mattress, 5" Thick x 31" Wide, Enhanced Comfort ..... part # 1550-50



Siderail Pad Set ..... part # 1010-52

# Warranty

---

## Limited Warranty:

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser that its products should be free from defects in material and workmanship for a period of one (1) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of Stryker, found to be defective. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to Stryker's factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgement affects the product materially and adversely shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

Stryker Medical stretcher products are designed for a 10 year expected service life under normal use, conditions, and with appropriate periodic maintenance as described in the maintenance manual for each device. Stryker warrants to the original purchaser that the welds on its stretcher products will be free from structural defects for the expected 10 year life of the stretcher product as long as the original purchaser owns the product.

This statement constitutes Stryker's entire warranty with respect to the aforesaid equipment. STRYKER MAKES NO OTHER WARRANTY OR REPRESENTATION, EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL STRYKER BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

## To Obtain Parts and Service:

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative, or call Stryker Customer Service at (800) 327-0770.

## Service Contract Coverage:

Stryker has developed a comprehensive program of service contract options designed to keep your equipment operating at peak performance at the same time it eliminates unexpected costs. We recommend that these programs be activated *before* the expiration of the new product warranty to eliminate the potential of additional equipment upgrade charges.

## **A SERVICE CONTRACT HELPS TO:**

- Ensure equipment reliability
- Stabilize maintenance budgets
- Diminish downtime
- Establish documentation for JCAHO
- Increase product life
- Enhance trade-in value
- Address risk management and safety

# Warranty

**Stryker offers the following service contract programs:**

SPECIFICATIONS	GOLD	SILVER	PM* ONLY
Annually scheduled preventative maintenance	X		X
All parts,** labor, and travel	X	X	
Unlimited emergency service calls	X	X	
Priority one contact; two hour phone response	X	X	X
Most repairs will be completed within 3 business days	X	X	
JCAHO documentation	X	X	X
On-site log book w/ preventative maintenance & emergency service records	X		
Factory-trained Stryker Service Technicians	X	X	X
Stryker authorized parts	X	X	X
End of year summary	X		
Stryker will perform all service during regular business hours (9–5)	X	X	X

\* Replacement parts and labor for products under PM contract will be discounted.

\*\* Does not include any disposable items, I.V. poles (except for Stryker HD permanent poles), mattresses, or damage resulting from abuse.

**Stryker Medical also offers *personalized* service contracts.**

**Pricing is determined by age, location, model and condition of product.**

**For more information on our service contracts,  
please call your local representative or call (800) 327-0770 (option #2).**

## **Return Authorization:**

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items.

SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.

## **Damaged Merchandise:**

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. DO NOT ACCEPT DAMAGED SHIPMENTS UNLESS SUCH DAMAGE IS NOTED ON THE DELIVERY RECEIPT AT THE TIME OF RECEIPT. Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Claims for any short shipment must be made within thirty (30) days of invoice.

## **International Warranty Clause:**

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.

---

### **European Representative**

Stryker EMEA RA/QA Director  
Stryker France  
ZAC Satolas Green Pusignan  
Av. De Satolas Green  
69881 MEYZIEU Cedex  
France



3800 E. Centre Ave., Portage, MI 49002  
(800) 327-0770  
[www.stryker.com](http://www.stryker.com)